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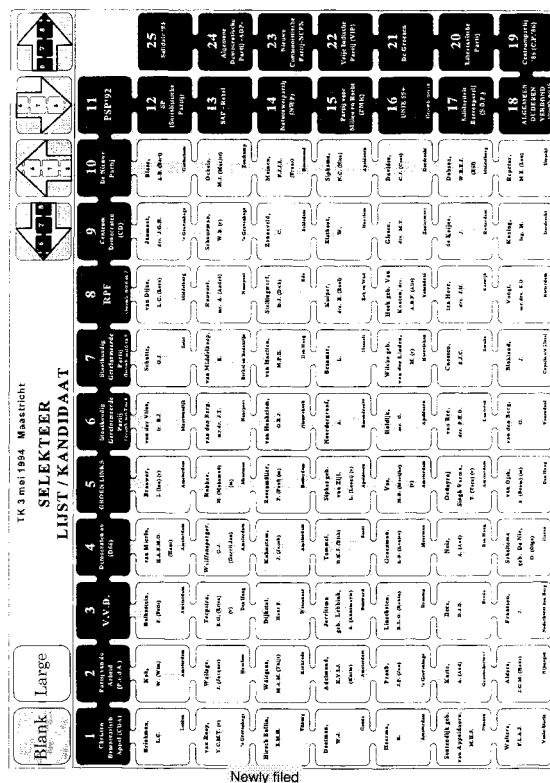
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(54) Dynamic user interface for voting systems

(57) A user interface for voting systems based on a standard computer screen and a mixture of direct and indirect voting. On the first screen, the voter can choose from a limited number of candidates of a limited number of lists or one of the lists. Per voter, depending on the constituency, a choice can be offered. All lists and a part of the candidates are represented on the screen in the form of a string of buttons. When selecting one of the lists, a second screen appears on which the list, selected on the first screen, is depicted with a string of all candidates of this list. For the partly-sighted, with a screen operating button, a switch to a larger size can be made and, with different operating buttons, the represented candidate section can be shifted. The selected candidate and matching list are highlighted and the personal particulars of the respective candidate are represented on a part of the screen especially destined therefor before the vote is confirmed with the voting button.

Fig. 1



Description

[0001] The invention relates to a dynamic user interface for a voting system with which it is possible to elect representatives or candidates for, for example, the Lower House, the provincial states or the city council. In this context, dynamic is understood to mean that with the aid of this system, on one user interface, candidates from several constituencies can be elected with the composition of the list varying per constituency. For such a user interface, applicant has already filed and obtained Dutch patent number 1014538, but this application related to a so-called full-face voting system with which, in one go, the complete overview of all lists with all candidates per list was shown on a display, so that the voter could directly vote for the desired candidate.

[0002] As, preferably, for voting systems, standard equipment in the form of a computer screen is used, also because remote voting such as, for instance, via internet comes into reach, it is of importance to provide a simple user interface for this equipment, which, preferably, is related as closely as possible to the known user interface of the current voting machines.

[0003] As a computer screen is too small to contain all information as it is printed on a standard voting sheet in a manner that it is sufficiently legible, for such systems, typically, an indirect method is used, wherein, on a first screen, the lists, that is, the parties, are shown from which the voter has to choose and then, on a second screen, all candidates of the selected list or party, from which, again, the voter has to choose, whereupon the whole has to be confirmed through a voting button.

[0004] This method is less neatly organized for the voter and, as appears from tests in practice, takes considerably more time so that, for this, several voting systems per polling station are required.

[0005] The invention contemplates providing a solution to these problems and will be described hereinafter with reference to six figures which, by way of an example, relate to the Lower House elections of May 3, 1994, at Maastricht.

Fig. 1 shows the first screen of the user interface according to the invention;

Fig. 2 shows the same screen after a candidate has been selected;

Fig. 3 shows the first screen in enlarged form for the partly-sighted;

Fig. 4 shows the enlarged screen after a candidate has been selected;

Fig. 5 shows the first screen in a shifted situation;

Fig. 6 shows the screen on which from one selected party, all candidates are shown.

[0006] To realize a rapid circulation at the polling stations, the starting point for the user interface according to the invention was a combination of direct and indirect voting. The screen consists of a so-called touch screen

with which, by touch of a finger, with the aid of the buttons represented on the screen, directly a choice can be made. Naturally, operation can also take place with the aid of a normal computer screen and a computer mouse, but this is less suitable for use in a polling station because it requires more time. As indicated in Fig. 1, on the first screen, the ballot paper of the constituency relevant to the respective voter is indicated with the following group of buttons:

- on the top row, a button for a blank vote, an operating button for switching to a larger representation for partly-sighted, two arrow buttons for shifting the represented lists to the left or to the right and two arrow buttons for shifting the indicated candidates on the lists upwards or downwards;
- on the second row, a string of all lists, that is, political parties, which is continued on the right-hand side over the height of the rest of the screen and occupies as much vertical columns as necessary to represent all lists on this first screen;
- below the lists whose vertical columns are not occupied by further lists, a vertical string of the candidates for these respective lists is represented, starting with the highest-ranked candidate on the list and further, in so far as there is space and there are candidates present for the respective party.

[0007] From polling practice it appears that by far the largest group of voters vote for a candidate which is shown, in this manner, on the first screen, and for this group of voters it is sufficient, in the same manner as with a full-face machine, to point with a finger to the button of the respective candidate, whereupon the screen changes to the situation of Fig. 2, on which, by way of example, a vote for Mrs. Jorritsma of the VVD party is indicated. Both the button with the text of the candidate and the button of the list of the party are highlighted and the text of the selected candidate is represented in the middle between the upper row of operating buttons.

[0008] From this situation, the vote can be energized by touching the "Vote" button, or via the button "Correct", one can return to the previous situation if an error has been made.

[0009] In clarification of the function of the different buttons or groups of buttons, different colors are used in the user interface according to the invention.

[0010] If the candidate for whom the voter wants to vote is not directly represented on the first screen, the voter can shift the string with lists or the string with candidates with the aid of the arrow buttons such that other lists and/or other candidates become visible.

[0011] If on the first screen the button "Large" is touched, this screen changes to the situation of Figure 3, wherein, according to the same structure, again all lists or parties are depicted in the form of a string and in the remaining columns a string of candidates of the respective lists in a size which is approximately 25% larger

and hence better legible for partly-sighted voters. In this situation, Fig. 4 shows the enlarged situation of the exemplary choice of Fig. 2. Via the button "Small", one can return to the original scale of depiction.

[0012] When shifting the lists or parties to the left-hand side of the screen, as indicated in Fig. 5, the columns, starting from the left-hand side, are filled-in the same manner as on the first screen on the right-hand side, so that, at all times, all lists or parties are represented on the screen and form a string together.

[0013] If first a button of a list or party is operated, for instance a list whose candidates are not shown on the first screen, or a list only a part of whose candidates is shown, then the screen of Fig. 6 appears, by way of example the list of the VVD party. In this situation, also, in a continuous string, all candidates of the selected list or party are shown in so far as, to that end, space is available on the screen. With the scale of depiction "Small", all candidates can be shown, with the scale of depiction "Large", slightly more than half of the maximum number allowed. In this last situation, once more, an arrow button pointing downwards appears so that also the second part of the list can be seen and, conversely, an arrow button pointing upwards for returning to the first part of the respective list.

[0014] With the button "Lists", one can return to the first screen with the combination of lists or parties and candidates according to Fig. 1.

[0015] With the dynamic user interface according to the invention, in addition to the possibility of remote voting, where for different voters different ballot papers can apply, naturally, per voter, also different elections or referenda can be dealt with one after the other, so that no additional user interfaces are necessary for this.

[0016] Naturally, the user interface according to the invention can also be used for a complete two-stage system wherein, in an identical manner, first, only all parties without candidates are shown and only thereupon all candidates of one selected party.

Claims

1. A dynamic user interface for voting systems, **characterized in that** this user interface is based on a standard computer screen as well as, in case there are more lists or parties and candidates than can be sufficiently legibly shown on one screen, on a mixture of direct and indirect voting, wherein on the first screen the voter is offered, apart from a blank vote and a number of screen operating functions, a choice from a limited number of candidates of a limited number of lists together with a choice from all further lists of which, on this first screen, no candidates are shown.
2. A dynamic user interface for voting systems according to claim 1, **characterized in that** each voter, de-

pending on the constituency of the respective voter, can be offered a choice from different lists or parties with different candidates for these lists or parties.

3. A dynamic user interface for voting systems according to one or both of the preceding claim(s), **characterized in that** the screen consists of a so-called touch-screen with which the voter, by touching one of the buttons represented on the screen, can make his choice known to the system.
4. A dynamic user interface for voting systems according to one or more of the preceding claim(s), **characterized in that** the lists or parties are depicted on the screen together in the form of a string of buttons which is always shown in its entirety.
5. A dynamic user interface for voting systems according to one or more of the preceding claim(s), **characterized in that** the candidates are represented together per list or party in the form of a, for instance, vertical, string of buttons also connected to the respective list or party.
6. A dynamic user interface for voting systems according to one or more of the preceding claim(s), **characterized in that**, when selecting one of the lists or parties, candidates of which are or are not shown on the first screen, a second screen appears on which the list or party selected on the first screen is depicted together with a string of all candidates of this list or party.
7. A dynamic user interface for voting systems according to one or more of the preceding claim(s), **characterized in that** one of the screen operating buttons has the function that the respective screen, for the benefit of the partly-sighted, is shown in an enlarged size and that the corresponding screen operating button in the enlarged size has the function of returning to the original format.
8. A dynamic user interface for voting systems according to one or more of the preceding claim(s), **characterized in that** two of the screen operating buttons have the function that candidates placed higher or lower on the visible lists or parties are depicted, and that two other operating buttons have the function that candidates of higher or lower-numbered lists which are not visible, are depicted.
9. A dynamic user interface for voting systems according to one or more of the preceding claim(s), **characterized in that**, before a vote is confirmed with the aid of the operating button destined therefor, the depicted button of a selected candidate, optionally together with the depicted button of the list or party to which the respective candidate belongs, is de-

picted in a highlighted manner relative to the other candidates and lists or parties.

10. A dynamic user interface for voting systems according to one or more of the preceding claim(s), **characterized in that**, before the vote is confirmed with the operating button destined therefor, the personal particulars of the elected candidate, optionally together with the name of the list or party to which the respective candidate belongs, is represented in an enlarged manner in a screen field destined therefor or next to the screen operating buttons.

11. A dynamic user interface for voting systems according to one or more of the preceding claim(s), **characterized in that** on the first screen, only parties and no candidates are shown.

12. A computer system provided with a screen arranged as a voting system, the computer system being provided with a dynamic user interface for depicting on the screen objects to be selected such as lists, parties and candidates, the system being further provided with selecting means such as a touch screen or a mouse for selecting a depicted object, **characterized in that** the interface is arranged to depict, on at least a first screen, a first sub-set of a total number of objects as well as at least one selection button, the interface being further arranged to depict, on at least a second screen, at least a second sub-set of the total number of objects when the selection button on the first screen is energized by the selecting means.

13. A computer system according to claim 1, **characterized in that** on the first and/or second screen also a voting button (operating button) is depicted for voting for a selected object.

14. A computer system according to claim 13, **characterized in that** the voting button can be energized with the selecting means for voting for the selected object.

15. A computer system according to claim 12, 13 or 14, **characterized in that**, in use, the first screen shows all parties or lists by means of a string of buttons while each party or list can be represented by a button.

16. A computer system according to claim 15, **characterized in that** the first screen shows at least a number of candidates of a first sub-set of the total number of parties or lists, while each candidate is represented by means of a button.

17. A computer system according to any one of the preceding claims 12 - 16, **characterized in that**, in use,

the second screen shows all parties or lists by means of a string of buttons, while each party or list can be represented by a button.

18. A computer system according to claim 17, **characterized in that** the second screen shows at least a number of candidates of a second sub-set of the total number of parties or lists, while each candidate is represented by means of a button.

19. A computer system according to any one of the preceding claims 12 - 18, **characterized in that** the interface is arranged for depicting an enlarged screen, wherein the enlarged screen depicts a sub-set of the buttons of a different screen, while the depicted buttons are larger than the buttons depicted on the other screen.

20. A computer system according to any one of the preceding claims 12 - 19, **characterized in that**, in use, when a party or list is selected with the selecting means through selection of the respective button, this party is depicted by means of a button on a screen, while, further, a number and preferably all candidates of the selected party each are depicted by means of a button.

21. A computer system according to claim 20, **characterized in that** the depicted candidates are depicted in a string.

22. A computer system according to any one of claims 12 - 21, **characterized in that** the interface is arranged for hatching and/or highlighting a selected object on the screen.

23. A computer system according to any one of claims 12 - 22, **characterized in that** the interface is arranged for depicting a name or symbol of a selected object on a screen.

24. A computer system according to any one of claims 12 - 23, **characterized in that** the interface is arranged for depicting a button on a screen for selecting a different screen to be depicted.

25. A computer system according to any one of claims 12 - 24, **characterized in that** the interface is arranged for depicting a button on the second screen for selecting the first screen in order that the first screen is depicted.

26. A computer system according to claim 19, **characterized in that** the depicted enlarged buttons are depicted in a string.

27. A computer system according to any one of claims 12 - 26, **characterized in that** the interface is ar-

ranged for depicting on at least one of the screens a blank vote button, a correct button for returning to a previous situation and/or arrow buttons.

28. A computer system according to any one of claims 12 - 27, **characterized in that** the first sub-set comprises all lists or parties and a first sub-set of the number of candidates. 5
29. A computer system according to any one of claims 12 - 28, **characterized in that** the second sub-set comprises all lists or parties and a second sub-set of the number of candidates. 10
30. A computer system according to any one of the preceding claims 21 - 29, **characterized in that** the first sub-set differs from the second sub-set. 15
31. A computer system according to any one of the preceding claims 12 - 30, **characterized in that** the interface concerns the interface of any one of claims 1 - 11. 20

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Fig. 1

TK 3 mei 1994 Maastricht											
SELEKTEER											
LIJST / KANDIDAAT											
Blank	Large										
1	2	3	4	5	6	7	8	9	10	11	12
Christen Democratisch Appel (CDA)	Partij van de Arbeid (PvdA)	V.V.D.	Democratie 66 (D66)	GOEDEN LUKS	Staatkundig Gerformeerde Partij (Staatkundig Gerformeerde Partij)	Staatkundig Gerformeerde Partij (Staatkundig Gerformeerde Partij)	RPF (Rechts Politiek Forum)	Centrum Democraten (CD)	Dr. Niclaas Partij	PSP 92	SP (Socialistische Partij)
Brinkman, L.C.	Kok, W. (Wim)	Bolkestein, F. (Frits)	van Mierlo, H.A.M.O. (Hans)	Brugers, I. (Ike)	van der Vliet, G. (Gert)	Schutte, G.J.	van Dijk, L.C. (Lies)	Jansma, dr. J.G.B.	Bliss, A.B. (Aart)	11	12
Laden	Amsterdam	Amsterdam	Amsterdam	Amsterdam	Amsterdam	Zuid	Middelburg	's-Gravenhage	Groenham	25	24
van Reij, Y.C.M.T. (Y)	Willinge, J. (Jacques)	Tegter, K.G. (Kris)	Willemsperger, G.J. (Gerrit-Jan)	Rabbe, M. (Riksmad)	van den Berg, mr. dr. J.T.	van Middeldijk, K.	Roozart, mr. A. (Aad)	Schaarman, W.J. (Y)	Ockel, M.J. (Mico)	24	23
's-Gravenhage	Rotterdam	Den Haag	Amsterdam	Amsterdam	Amsterdam	Rotterdam	Nieuwpoort	's-Gravenhage	Zandvoort	23	22
Hirsch Ballin, E.M.H.	Willinge, M.A.M. (Tulp)	Dijkstal, Hans F.	Kokkema, J. (Jacob)	Requena, F. (Frits)	van Haeften, M.P.H.	van Haeften, M.P.H.	Stellingwerf, B.J. (Bos)	Zonneveld, C.	Meinen, F.J.J.L. (Frits)	14	13
Tilburg	Rotterdam	Wassenaar	Amsterdam	Amsterdam	Amsterdam	Amsterdam	Ede	Schiedam	Roosendaal	22	21
Deinum, W.J.	Adelmeid, K.Y.L.J. (Kris)	Jorritsma geb. Lebbink, A. (Annamarie)	Tommel, D.K.J. (Dick)	Sipkes geb. van Zijl, L. (Lies)	Noordgraaf, A.	Besmer, L.	Kuiper, dr. B. (Bos)	Kisthout, W.	Sipkema, K.C. (Kus)	15	14
Gouda	Amsterdam	Rotterdam	Amsterdam	Amsterdam	Amsterdam	Amsterdam	Ede	Amsterdam	Amsterdam	22	21
Heerma, E.	Freuk, J.F. (Jan)	Linschoten, R.L.O. (Rinus)	Groenman, L.B. (Lies)	Vai, M.B. (Maurits)	Heldijk, mr. G.	Witte geb. van der Linden, M. (Y)	Heek geb. Van Kesteren, dr. A.B.F. (Abe)	Giesen, dr. M.T.	Davidis, C.J. (Cees)	16	15
Amsterdam	's-Gravenhage	Breukelen	Amsterdam	Amsterdam	Amsterdam	Amsterdam	Amsterdam	Zoetermeer	Dordrecht	21	20
Sontendijk geb. van Appeldoorn, M.E.J.	Kerfs, A. (Aad)	Dees, D.J.D.	Nuis, A. (Aad)	Oordayra, Singh Varma, T. (Tina)	van Rce, dr. P.H.D.	Cassien, E.J.C.	Iets Hove, dr. J.H.	de Krijne, J.	Dobben, W.R.F.Z. (Abe)	17	16
Amsterdam	Groenham	Rotterdam	Amsterdam	Amsterdam	Amsterdam	Amsterdam	Amsterdam	Amsterdam	Amsterdam	20	19
Walters, F.L.A.J.	Alders, J.G.M. (Hans)	Franssen, J.	Schellens geb. De Nle, G. (Gert)	van Ojik, A. (Bert)	van den Berg, G.	Blokkend, J.	Voigt, mr. dr. R.O.	Koning, Ing. M.	Reijter, M.X. (Lies)	18	17
Vaan Blerk	Nijmegen	Nederlandsche Weg	Amsterdam	Amsterdam	Amsterdam	Amsterdam	Amsterdam	Amsterdam	Amsterdam	19	18

Newly filed

Fig. 2

[illegible]

Newly filed

Fig. 3

TK 3 mei 1994 Maastricht									
SELEKTEER									
LIJST / KANDIDAAT									
Blank	Small	3	4	5	6	7	8	9	10
1 Christen Democratisch Appel (CDA)	2 Partij van de Arbeid (P.v.d.A.)	3 V.V.D.	4 Democraten 66 (D66)	5 GROEN LINKS	6 Staatkundig Gereformeerde Partij Gezomb. met 7 en 8	7 Staatkundig Gereformeerde Partij Gezomb. met 6 en 8	8 RPF Gezomb. met 6 en 7	9 Centrum Democraten (CD)	10 De Nieuwe Partij
Brinkman, L.C. Lelida	Kok, W. (Wim) Amsterdam	Bolkestein, J. (Johan) Amsterdam	van Mierlo, H.A.F.M.O. (Hans) Amsterdam	Brouwer, I. (Ien) (v) Amsterdam	6 Staatkundig Gereformeerde Partij Gezomb. met 7 en 8	7 Staatkundig Gereformeerde Partij Gezomb. met 6 en 8	8 RPF Gezomb. met 6 en 7	9 Centrum Democraten (CD)	10 De Nieuwe Partij
van Rooij, Y.C.M.T. (v)	Wallage, J. (Jacques) Hilsum	Terpstra, E.G. (Erica) (v) Doe Hae	Wolffensperger, G.J. (Gerit Jaa) Amsterdam	Rabbae, M. (Mohamed) (m) Maastricht	17 Solidariteit Boerpartij (S.B.P.)	16 UNIE 55+ Gezomb. met 18	15 Partij voor Milieu en Recht (PMR)	14 Natuurwetpartij (NWP)	13 SAP - Rebel
's Graveshage	Wiltgens, M.A.M. (Thijs) Kerkrade	Dijkstal, Hans F. Wassenaar	Kohantam, J. (Jesse) Amsterdam	Rosenmüller, P. (Paul) (m) Rotterdam	18 ALGEMEEN OUDEREN VERBOND Gezomb. met 16	19 Centrumpartij '86 (C.P.'86)	20 Libertarische Partij	21 De Groenen	22 Vrije Indische Partij (VIP)
Hirsch Ballin, E.M.H. Tilburg	Adelund, K.Y.I.J. (Karin) Amsterdam	Jorritsma geb. Lebbink, A. (Annamarie) Bakward	Tommel, D.K.J. (Dick) Soest	Sipkes geb. van Zijl, L. (Loes) (v) Apeldoorn	23 Nieuwe Communistische Partij-NCPN	24 Algemene Democratische Partij-ADP	25 Solidair '93	26 Solidair '93	27 Solidair '93
Deetman, W.J. Gouda	Prunk, J.P. (Jan) 's Graveshage	Linschoten, R.L.O. (Robin) Dronen	Groenman, L.S. (Lieske) Maastricht	Vos, M.B. (Marjolke) (v) Amsterdam	28 Solidair '93	29 Solidair '93	30 Solidair '93	31 Solidair '93	32 Solidair '93
Heerma, Z. Amsterdam									

Newly filed

Fig. 4

TK 3 mei 1994 Maastricht					V.V.D.					Vote																
Jorritsma geb. Lebbink, A. (Annemarie) Bolsward																										
Blank	Small	Correct	V.V.D.		4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
1 Christen Democratisch Appel (CDA)	2 Partij van de Arbeid (P.v.d.A.)	3 V.V.D.	4 Democraten 66 (D66)	5 Groen Links	6 Staatskundig Gereformeerde Partij Gecomb. met 7 en 8	7 Staatskundig Gereformeerde Partij Gecomb. met 6 en 8	8 RPF Gecomb. met 6 en 7	9 Centrum Democraten (CD)	10 De Nieuwe Partij	11 PSP92	12 SP (Socialistische Partij)	13 SAP - Rebel	14 Natuurwetpartij (NWP)	15 Partij voor Milieu en Recht (PMR)	16 UNIE 55+ Gecomb. met 18	17 Solidariteit Boerenpartij (S.B.P.)	18 ALGEMEEN OUDEREN VERBOND Gecomb. met 16	19 Centrumpartij '86 (C.P.'86)	20 Libertarische Partij	21 De Groenen	22 Vrije Indische Partij (VIP)	23 Nieuwe Communistische Partij-NCPN	24 Algemene Democratische Partij-ADP-	25 Solidair '93		
Brinkman, L.C. Leliden	Kok, W. (Wim) Amsterdam	Bolkestein, F. (Frits) Amsterdam	van Mierlo, H.A.F.M.D. (Hans) Amsterdam	Brouwer, I. (Ira) (v) Amsterdam	Staatskundig Gereformeerde Partij Gecomb. met 7 en 8	Staatskundig Gereformeerde Partij Gecomb. met 6 en 8	RPF Gecomb. met 6 en 7	Centrum Democraten (CD)	De Nieuwe Partij	PSP92	SP (Socialistische Partij)	SAP - Rebel	Natuurwetpartij (NWP)	Partij voor Milieu en Recht (PMR)	UNIE 55+ Gecomb. met 18	Solidariteit Boerenpartij (S.B.P.)	ALGEMEEN OUDEREN VERBOND Gecomb. met 16	Centrumpartij '86 (C.P.'86)	Libertarische Partij	De Groenen	Vrije Indische Partij (VIP)	Nieuwe Communistische Partij-NCPN	Algemene Democratische Partij-ADP-	Solidair '93		
van Rooij, Y.C.M.T. (v)	Wallage, J. (Jacques) Hilversum	Terpstra, E.G. (Erica) (v) Den Haag	Wolffensperger, G.J. (Gerrit Jan) Amsterdam	Rabbie, M. (Mohamed) (m) Maastricht	Staatskundig Gereformeerde Partij Gecomb. met 7 en 8	Staatskundig Gereformeerde Partij Gecomb. met 6 en 8	RPF Gecomb. met 6 en 7	Centrum Democraten (CD)	De Nieuwe Partij	PSP92	SP (Socialistische Partij)	SAP - Rebel	Natuurwetpartij (NWP)	Partij voor Milieu en Recht (PMR)	UNIE 55+ Gecomb. met 18	Solidariteit Boerenpartij (S.B.P.)	ALGEMEEN OUDEREN VERBOND Gecomb. met 16	Centrumpartij '86 (C.P.'86)	Libertarische Partij	De Groenen	Vrije Indische Partij (VIP)	Nieuwe Communistische Partij-NCPN	Algemene Democratische Partij-ADP-	Solidair '93		
Hirsch Ballin, E.M.H. Tilburg	Wiltgens, M.A.M. (Thijs) Kerkrade	Dijkstal, Hans F. Wassenaar	Kohartem, J. (Jacob) Amsterdam	Rosenmöller, P. (Paul) (m) Rotterdam	Staatskundig Gereformeerde Partij Gecomb. met 7 en 8	Staatskundig Gereformeerde Partij Gecomb. met 6 en 8	RPF Gecomb. met 6 en 7	Centrum Democraten (CD)	De Nieuwe Partij	PSP92	SP (Socialistische Partij)	SAP - Rebel	Natuurwetpartij (NWP)	Partij voor Milieu en Recht (PMR)	UNIE 55+ Gecomb. met 18	Solidariteit Boerenpartij (S.B.P.)	ALGEMEEN OUDEREN VERBOND Gecomb. met 16	Centrumpartij '86 (C.P.'86)	Libertarische Partij	De Groenen	Vrije Indische Partij (VIP)	Nieuwe Communistische Partij-NCPN	Algemene Democratische Partij-ADP-	Solidair '93		
Deetman, W.J. Gouda	Adelmann, K.Y.L.J. (Karin) Amsterdam	Jorritsma geb. Lebbink, A. (Annemarie) Bolsward	Tommé, D.K.J. (Dick) Soest	Sipkes geb. van Zijl, L. (Leon) (v) Apeldoorn	Staatskundig Gereformeerde Partij Gecomb. met 7 en 8	Staatskundig Gereformeerde Partij Gecomb. met 6 en 8	RPF Gecomb. met 6 en 7	Centrum Democraten (CD)	De Nieuwe Partij	PSP92	SP (Socialistische Partij)	SAP - Rebel	Natuurwetpartij (NWP)	Partij voor Milieu en Recht (PMR)	UNIE 55+ Gecomb. met 18	Solidariteit Boerenpartij (S.B.P.)	ALGEMEEN OUDEREN VERBOND Gecomb. met 16	Centrumpartij '86 (C.P.'86)	Libertarische Partij	De Groenen	Vrije Indische Partij (VIP)	Nieuwe Communistische Partij-NCPN	Algemene Democratische Partij-ADP-	Solidair '93		
Heerma, E. Amsterdam	Prönk, J.P. (Jan) 's Gravenhage	Linschooten, R.L.O. (Robin) Dronen	Groenman, L.S. (Louise) Maastricht	Vos, M.B. (Marjolke) (v) Amsterdam	Staatskundig Gereformeerde Partij Gecomb. met 7 en 8	Staatskundig Gereformeerde Partij Gecomb. met 6 en 8	RPF Gecomb. met 6 en 7	Centrum Democraten (CD)	De Nieuwe Partij	PSP92	SP (Socialistische Partij)	SAP - Rebel	Natuurwetpartij (NWP)	Partij voor Milieu en Recht (PMR)	UNIE 55+ Gecomb. met 18	Solidariteit Boerenpartij (S.B.P.)	ALGEMEEN OUDEREN VERBOND Gecomb. met 16	Centrumpartij '86 (C.P.'86)	Libertarische Partij	De Groenen	Vrije Indische Partij (VIP)	Nieuwe Communistische Partij-NCPN	Algemene Democratische Partij-ADP-	Solidair '93		

Newly filed

Fig. 5

TK 3 mei 1994 Maastricht												
SELEKTEER												
LIJST / KANDIDAAT												
Blank Large												
10	11	12	13	14	15	16	17	18	19	20		
De Nieuwe Partij	PSP'92	SP (Socialistische Partij)	SAP - Rebel	Natuurwetenschap (NWP)	Partij voor Milieu en Recht (PMR)	UNIE 55+ Grootst. 55+	Solidariteit Boerpartij (S.B.P.)	ALGEMEEN OUDEREN VERBOND Grootst. 55+	Centrum '56 (C.P.'56)	Liberalistische Partij		
9												
Centrum Democratie (CD)												
8												
RPF Grootst. 55+ (ca. 1)												
7												
Staatsvrij Gereformeerde Partij Grootst. 55+ (ca. 8)												
6												
Staatsvrij Gereformeerde Partij Grootst. 55+ (ca. 8)												
5												
GROEN LINKS												
4												
Democraten 66 (D66)												
3												
V.V.D.												
1												
Christen Democratisch Appel (CDA)												
2												
Partij van de Arbeid (PvdA)												

Newly filed

Fig. 6

TK 3 mei 1994 Maastricht V.V.D.									
SELEKTEER KANDIDAAT									
Blank	Large	Lists							
3 V.V.D.	van Hoof, H.A.L. (Rust)	te Veldhuijs, A.J. (Jas)	Kuipers geb. M.J. (Margit)	Rijpstra, J. (Jas)	Torop, M.A. (Margo)	Korthals Altes, Th. E. (Ther)			
	Kamp, M.M.E. (Margriet) (v)	van Erp, A.A.M.E. (Arie)	de Vries, B.M. (Bibi) (v)	Corstjens, C.G.A. (Champs)	Boutjeus, J.B.A. (Jas)	Vried, H.V. (Hans)			
	Remkes, J.W. (Jas)	Blouw, Pai M.	Cherribi, O.	de Vries, J.M. (Monique)	Pastoor, W.H.J. (Wim)				
	Korthals, A.H.	Vogt, geb. Dronk, W.C.C. (Rita)	van Heemsterck Ellis geb. Dreket, Sari	Klein Miskamp, J.H.	Luchtersveld, B. (Rus)				
	van der Stoep, Anna Liza E.C. (v)	Kamp, H.G.J. (Henk)	Verhagt, P.J.L. (Kees)	van Bloek geb. Weerdman, A.M. (Arie)	Hofstra, P.H. (Ther)				
	Wijlstra, Frans W.	van Rey, J.F.R. (Jas)	Hoogervorst, J.F. (Jas)	van den Doel, M. (Ther)	Bech, C.C.A. (Alexander)				
	de Korte, R.W. (Rudolf)	Hassing, E.L.P. (Katie)	Blauw, J.D.	Ves, O.F.G. (Otto)	Kaar, W.F. (Willem)				
	Nederhorst den Berg	Van der Berg	Zaar	Dreke	Negie				

Newly filed