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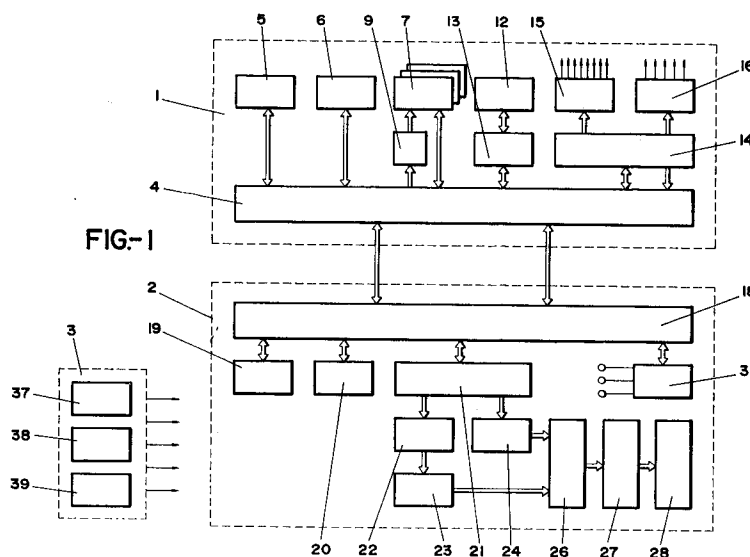
EUROPEAN PATENT APPLICATION(21) Application number: **90500110.3**(51) Int. Cl.⁵: **H05B 6/68, F24C 7/08**(22) Date of filing: **30.11.90**(30) Priority: **05.12.89 ES 8904159**(43) Date of publication of application:
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DE FR GB IT(88) Date of deferred publication of the search report:
18.03.92 Bulletin 92/12(71) Applicant: **FAGOR. S.COOP. LTDA.**
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HERRERO & ASOCIADOS, S.L. Alcalá, 21
E-28014 Madrid(ES)(54) **Household oven interactive control and selection system.**

(57) The system provides for oven control allowing the carrying out, both manually and by selecting preset recipes, of the different stages involved in cooking. Interactive selection allows programming thereof to carry out recipes automatically once the same is selected or activating the various types of oven according to the user's selection.

To such end, the system is provided with two functionally linked cards, a MASTER card (1) dealing with system control and a SLAVE card (2) basically

aimed to try and represent the information on a CRT display (28) interacting with the former.

Especially to be noted within the power supply (3) is the presence of a mains fault detector circuit (38) and a mains-battery/battery-mains switching circuit (39), so that the structure and processes that can be carried out allow oven control and interaction with the user through a selection keyboard 912) and the CRT display (28).





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EUROPEAN SEARCH REPORT

Application Number

EP 90 50 0110

DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
X	US-A-4 628 351 (HEO) * abstract; column 2, lines 7-18; column 2, lines 32-45; column 2, line 65 - column 4, line 20; column 4, lines 31-64; figures 2,3 * - - -	1,2,9	H 05 B 6/68 F 24 C 7/08
A	GB-A-2 141 565 (SANYO ELECTRIC) * page 2, lines 17-27; page 2, line 56 - page 3, line 13; page 4, line 84 - page 5, line 76; figures 1,4,9-12,16 * - - -	1,2,9,10	
A	US-A-4 356 370 (HORINOUCI) * abstract; column 1, lines 23-62; column 3, line 41 - column 4, line 8; claims 1,4-8; figures 1-4 * - - -	1	
A	EP-A-0 075 026 (MATSUSHITA) * abstract; page 2, lines 10-19; page 4, lines 6-14; page 5, lines 10-16; page 5, line 26 - page 7, line 12; figures 1-5 * - - -	1,9,10	
A	US-A-4 884 626 (FILIPOWSKI) * abstract; column 4, line 59 - column 5, line 66; column 9, lines 41-59; figures 3,7 * - - -	1	
A	US-A-4 234 920 (VAN NESS et al.) * abstract; column 1, line 48 - column 2, line 7; column 4, line 62 - column 7, line 11; claims 1,2; figures 1-3 * - - -	7,8	TECHNICAL FIELDS SEARCHED (Int. Cl.5)
A	DE-A-3 734 088 (SHARP) * abstract; column 1, line 41 - column 2, line 17; column 2, lines 37-65; column 4, line 21 - column 5, line 10; figure 1 * - - - - -	7	F 24 C 7/00 H 05 B 6/00 G 06 F 1/00
The present search report has been drawn up for all claims			
Place of search Berlin		Date of completion of search 19 December 91	Examiner BEITNER M.J.J.B.
CATEGORY OF CITED DOCUMENTS X: particularly relevant if taken alone Y: particularly relevant if combined with another document of the same category A: technological background O: non-written disclosure P: intermediate document T: theory or principle underlying the invention		E: earlier patent document, but published on, or after the filing date D: document cited in the application L: document cited for other reasons ----- &: member of the same patent family, corresponding document	