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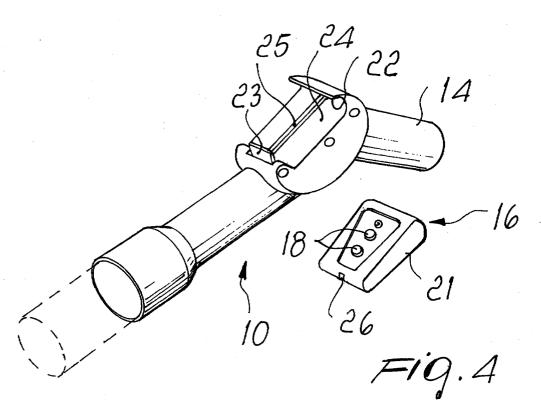
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## (54) Control device, particulary for cleaning appliances

(57) A control device, particularly for appliances used in the field of domestic and/or industrial cleaning, comprising at least one signal transmitter (16) which is

removably located on the handle (14) of the tool of the cleaning appliance and a receiver which is located on the appliance body and is connected to means for controlling the various functions of the appliance.





## **EUROPEAN SEARCH REPORT**

Application Number EP 01 10 1654

|   | DOCUMENTS CONSID   | ERED TO BE RELEVANT  |   |  |
|---|--|--|---|--|
| Category  | Citation of document with in<br>of relevant pass   | ndication, where appropriate,<br>sages   | Relevant<br>to claim  | CLASSIFICATION OF THE APPLICATION (Int.CI.7) |
| X   | WO 99 09875 A (BOSC<br>GMBH) 4 March 1999<br>* the whole documen   |  | 1,4   | A47L9/28                                     |
| X   | PATENT ABSTRACTS OF<br>vol. 1999, no. 04,<br>30 April 1999 (1999<br>-& JP 11 009529 A (<br>19 January 1999 (19<br>* abstract *<br>* figures *  | -04-30)<br>TEC CORP),  | 1,3,4   |  |
| Α   | FR 2 774 200 A (KWA<br>LTD) 30 July 1999 (<br>* abstract *<br>* figures *  | NGJU ELECTRONICS CO<br>1999-07-30)   | 3,4   |  |
|   |  |  |   | TECHNICAL FIELDS<br>SEARCHED (Int.CI.7)      |
|   |  |  |   | A47L   |
|   |  |  |   | D06F   |
|   |  |  |   |  |
|   | The present search report has t  | oeen drawn up for all claims   |   |  |
|   | Place of search  | Date of completion of the search   |   | Examiner                                     |
|   | THE HAGUE  | 2 September 2002   | Cab   | ral Matos, A                                 |
| X : part<br>Y : part<br>docu<br>A : tech<br>O : non | ATEGORY OF CITED DOCUMENTS icularly relevant if taken alone icularly relevant if combined with another icularly relevant if combined with another icularly relevant another icularly ackground—written disclosure mediate document | T: theory or princip E: earlier patent do after the filing de D: document cited L: document cited  8: member of the s document | cument, but publi<br>ite<br>in the application<br>for other reasons | shed on, or                                  |

EPO FORM 1503 03.82 (P04C01)

## ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO.

EP 01 10 1654

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

02-09-2002

| Patent document cited in search report |          |   | Publication date |                                  | Patent family<br>member(s)                                     |                     | Publication date   |
|--|----------|---|------------------|----------------------------------|--|---------------------|--|
| WO                                     | 9909875  | Α | 04-03-1999       | DE<br>WO<br>EP<br>TR             | 19736595<br>9909875<br>0980223<br>9900888                      | A1<br>A1            | 25-02-1999<br>04-03-1999<br>23-02-2000<br>21-10-1999                             |
| JP                                     | 11009529 | A | 19-01-1999       | NONE                             |  |                     |  |
| FR                                     | 2774200  | A | 30-07-1999       | KR<br>KR<br>DE<br>FR<br>JP<br>RU | 237047<br>237046<br>19902130<br>2774200<br>11253376<br>2153836 | B1<br>A1<br>A1<br>A | 15-01-2000<br>15-01-2000<br>23-09-1999<br>30-07-1999<br>21-09-1999<br>10-08-2000 |

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