

Title (en)

Pneumatic sensor for safety device for blocking the water feed circuit of dishwashers, washing machines and the like.

Title (de)

Pneumatischer Fühler für Sicherheitsgerät zum Sperren von Wasserzufuhrumlauf in Geschirrspülmaschinen, waschmaschinen und dergleichen.

Title (fr)

Détecteur pneumatique pour dispositif de sécurité interrompant le circuit d'alimentation en eau de machines à laver la vaisselle ou le linge et analogues.

Publication

EP 0683263 A1 19951122 (EN)

Application

EP 95201195 A 19950509

Priority

IT MI940350 U 19940513

Abstract (en)

A safety device for blocking the water feed circuit of an electrical household appliance (1) comprises a water feed pipe (5), which can be connected at one end to a respective feed solenoid valve (100) of an internal water circuit (101) of the electrical household appliance (1), and whereto a respective safety valve (2), which can be actuated pneumatically, is connected and placed between the opposite end of said feed pipe (5) and a water supply point (4), a collection base (8), positioned below the electrical household appliance (1), whereon a pneumatic sensor (7) is placed and which comprises expandable water-sensitive devices (17), housed in an expansion chamber (21), which command actuation of means of compression (28-30) of a fluid contained in a drum (9) connected to the safety valve (2); the expansion chamber (21) of the pneumatic sensor is provided with an inlet (32) which can be connected to a drain conduit (11) of an anti-overflow device (13) of a washing drum (12) of the electrical household appliance (1), and gate valve means (33) for closing said inlet (32) following expansion of said water-sensitive means (17). <IMAGE>

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D06F 39/08 (2006.01)

CPC (source: EP US)

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Citation (search report)

- [PYA] DE 4402502 A1 19940811 - ELTEK SPA [IT]
- [YA] DE 8420779 U1 19861218
- [A] EP 0555679 A1 19930818 - RE FLEX SRL [IT]
- [A] DE 3718080 A1 19871223 - ELTEK SPA [IT]
- [A] PATENT ABSTRACTS OF JAPAN vol. 13, no. 35 (P - 818) 26 January 1989 (1989-01-26)

Cited by

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