

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 B1 19980923 (EN)

Application

EP 95201195 A 19950509

Priority

IT MI940350 U 19940513

Abstract (en)

[origin: EP0683263A1] 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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