

Title (en)

Anti-flooding arrangement for water supply hoses of household appliances.

Title (de)

Überschwemmungsschutzvorrichtung für Schläuche an Haushaltsmaschinen.

Title (fr)

Arrangement anti-inondation pour tuyaux à eau d'appareils électroménagers.

Publication

**EP 0555679 A1 19930818 (EN)**

Application

**EP 93101058 A 19930125**

Priority

IT TO920065 A 19920130

Abstract (en)

The arrangement comprises a shut-off valve (32) mounted in a connector means (10) of the water supply hose (18) and carrying a first magnet (40). An anhydrous, compressed sponge (50) is situated outside said connector means (10) so as to be hit and drenched by the water in case of a breakdown of the water supply hose (18). A lever (44) located outside the connector means is capable of being actuated by the swelling of said sponge (50) drenched by the water, so as to displace a second magnet (46) of equal polarity from a position in which it faces said first magnet (40) to keep the valve (32) open, to a position in which it is moved away from said first magnet to enable said valve to close under the pressure of the water. A spring (54) biases the lever against said position in which said second magnet (46) is facing said first magnet (40). <IMAGE>

IPC 1-7

**D06F 39/08; F16K 31/00; F16K 31/08**

IPC 8 full level

**D06F 39/08** (2006.01)

CPC (source: EP US)

**D06F 39/081** (2013.01 - EP US)

Citation (search report)

- [Y] DE 3743842 A1 19880908 - ELTEK SPA [IT]
- [Y] DE 3236078 A1 19830414 - ELBI INT SPA [IT]
- [A] DE 3618258 A1 19870205 - ELTEK SPA [IT]
- [A] DE 1024303 B 19580213 - TRIST & CO LTD RONALD

Cited by

CN110261654A; CN103764005A; EP0984093A1; EP0683263A1; IT201700026951A1; EP3692885A1; EP2290152A1; WO2012140598A3; WO2020012517A1; WO2012140598A2; US9464725B2

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