

Title (en)
Anti-flooding safety device for a household appliance

Title (de)
Überlaufschutzvorrichtung für Haushaltsgeräte, besonders für Waschgeräte

Title (fr)
Dispositif de sécurité anti-écoulement pour appareils électroménagers, notamment pour machines à laver

Publication
EP 2314752 A1 20110427 (EN)

Application
EP 10181887 A 20061212

Priority
• EP 08165774 A 20061212
• EP 06125957 A 20061212
• IT TO20050876 A 20051215

Abstract (en)
An anti-flooding safety device (1) for an electrical household appliance comprises a connector body (2,40), connected to which are the first ends of a first flexible pipe (20) and a second flexible pipe (30), at least one part of said first pipe (20) extending longitudinally inside said second pipe (30). The two pipes (20,30) are of a corrugated type, and the device (1) comprises at least one safety solenoid valve (4), mounted on the connector body (2). At least one end portion of said first pipe (20) is coupled to a first end portion (21a) of a tubular element (21,23), preferably made of elastic synthetic material. The tubular element (21,23) has at least one axial stretch of surface structured so as to engage with an axial stretch of surface of the first pipe (20). A second end portion (21b) of the tubular element (21) is engaged or fitted on a coupling part (2a) of the connector body (2,40).

IPC 8 full level
D06F 39/08 (2006.01)

CPC (source: EP US)
A47L 15/421 (2013.01 - EP); **D06F 39/081** (2013.01 - EP US)

Citation (applicant)
• FR 2742514 A1 19970620 - ELTEK SPA [IT]
• IT 1207365 B 19890517 - ELTEK SPA [IT]
• DE 10126104 A1 20020124 - ELTEK SPA [IT]

Citation (search report)
• [XDAY] FR 2742514 A1 19970620 - ELTEK SPA [IT]
• [YA] US 5983950 A 19991116 - AOKI TOMOHIDE [JP], et al
• [A] US 3299417 A 19670117 - SIBTHORPE ANTHONY M
• [A] DE 10126104 A1 20020124 - ELTEK SPA [IT]
• [A] DE 3618258 A1 19870205 - ELTEK SPA [IT]

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DOCDB simple family (publication)
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