

Title (en)

Anti-flooding safety device for a household appliance

Title (de)

Sicherheitsvorrichtung gegen Überschwemmung für ein Haushaltsgerät

Title (fr)

Dispositif de sécurité pour détecter la présence d'une fuite de liquide dans un appareil ménager

Publication

EP 1798326 B2 20120111 (EN)

Application

EP 06125957 A 20061212

Priority

IT TO20050876 A 20051215

Abstract (en)

[origin: EP1798326A1] An anti-flooding safety device for an electrical household appliance comprises a connector body (2,40), connected to which are the first ends of a first and a second flexible pipes (20,30), at least one part of the first pipe (20) extending longitudinally inside the 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 the 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)

Cited by

CN111779877A; RU2468275C2; EP1955640A3; EP2662606A1; EP2995712A1; US2016076189A1; CN105805372A; CN105555179A; CN106170239A; EP2489298A1; ITTO20110138A1; IT202100012146A1; DE112014003322B4; IT201700112681A1; JP2020535921A; EP3981314A1; FR3114826A1; IT201700112704A1; CN111771024A; US11549210B2; US9386904B2; WO2012140598A2; US9464725B2; WO2019069187A1; WO2015008198A1; WO2015008199A1; EP2224051B1; EP3715692A1; IT201900004055A1; EP3885628A1; EP3885629A1; WO2019069186A1; WO2022238920A1; EP2696739B1; EP2489298B1

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 1798326 A1 20070620; EP 1798326 B1 20090624; EP 1798326 B2 20120111; AT E434678 T1 20090715; DE 602006007426 D1 20090806; EP 2014818 A2 20090114; EP 2014818 A3 20090218; EP 2014818 B1 20180613; EP 2314752 A1 20110427; EP 2314752 B1 20130417; ES 2328513 T3 20091113; ES 2328513 T5 20120516; ES 2420782 T3 20130826; ES 2685769 T3 20181011; IT TO20050876 A1 20070616; PL 1798326 T3 20091231; PL 1798326 T5 20120629; PL 2014818 T3 20190329; PL 2314752 T3 20130930

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EP 06125957 A 20061212; AT 06125957 T 20061212; DE 602006007426 T 20061212; EP 08165774 A 20061212; EP 10181887 A 20061212; ES 06125957 T 20061212; ES 08165774 T 20061212; ES 10181887 T 20061212; IT TO20050876 A 20051215; PL 06125957 T 20061212; PL 08165774 T 20061212; PL 10181887 T 20061212