

Title (en)

SAFETY DEVICE AGAINST FLUID LEAKS FOR HOUSEHOLD APPLIANCES

Title (de)

SICHERHEITSEINRICHTUNG GEGEN FLUIDLECKS FÜR HAUSHALTSGERÄTE

Title (fr)

DISPOSITIF DE SÉCURITÉ CONTRE LES FUITES DE FLUIDE DESTINÉ À DES APPAREILS ÉLECTROMÉNAGERS

Publication

EP 2697420 B1 20200708 (EN)

Application

EP 12730624 A 20120412

Priority

- IT TO20110338 A 20110415
- IB 2012051796 W 20120412

Abstract (en)

[origin: WO2012140595A2] A safety device against fluid leaks for household appliances, designed for connection between a source of a fluid and a household appliance, comprises: - a first connection body (20) and a second connection body (13), which define a first duct (23) and a second duct for the fluid, respectively, - a flexible inner hose (17) and a flexible outer hose (16) which are impermeable to the fluid. The inner hose (17) connects in fluid communication the first duct (23) and the second duct (93) and extends longitudinally within the outer hose (16), such that between at least a part of the two hoses (16, 17) a gap having a proximal end and a distal end is defined (18), the gap (18) being substantially closed at said ends for withholding therein possible leaking fluid. The device comprises first sealing means (40), operatively arranged between the outer hose (16) and the first connection body (20) and defining a connection passage (44-45) for connecting in fluid communication the gap (18) and a chamber (30) of the first connection body (20).

IPC 8 full level

A47L 15/42 (2006.01); **D06F 39/08** (2006.01)

CPC (source: CN EP KR US)

A47L 15/421 (2013.01 - CN EP KR); **A47L 15/4217** (2013.01 - CN EP KR); **D06F 37/42** (2013.01 - KR); **D06F 39/081** (2013.01 - CN EP KR US)

Cited by

IT202200007298A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

WO 2012140595 A2 20121018; WO 2012140595 A3 20131107; CN 103764895 A 20140430; CN 103764895 B 20161123; EP 2697420 A2 20140219; EP 2697420 B1 20200708; ES 2822624 T3 20210504; IT TO20110338 A1 20121016; KR 101947207 B1 20190212; KR 20140036184 A 20140325; RU 2013150170 A 20150520; RU 2582951 C2 20160427

DOCDB simple family (application)

IB 2012051796 W 20120412; CN 201280028938 A 20120412; EP 12730624 A 20120412; ES 12730624 T 20120412; IT TO20110338 A 20110415; KR 20137030384 A 20120412; RU 2013150170 A 20120412