

Title (en)  
HOUSEHOLD APPLIANCE WITH A SAFETY CIRCUIT

Title (de)  
HAUSHALTSVORRICHTUNG MIT EINER SICHERHEITSSCHALTUNG

Title (fr)  
APPAREIL ÉLECTROMÉNAGER AVEC CIRCUIT DE SÉCURITÉ

Publication  
**EP 2999389 A2 20160330 (EN)**

Application  
**EP 14719100 A 20140327**

Priority  
• IT TO20130259 A 20130328  
• IB 2014060220 W 20140327

Abstract (en)  
[origin: WO2014155336A2] Household appliance with a safety circuit, comprising at least one electrical load connected to a power mains supply, said at least one electrical load being provided with a ground connection branch, said household appliance further comprising a safety circuit provided with: a detection element associated with said ground connection branch and configured to detect a leakage current flowing in said ground connection; a comparison module configured to compare said leakage current with a preset threshold. Said module of comparison is further configured to disconnect said at least one electrical load from said power mains when the leakage current turns out to be higher than said preset threshold.

IPC 8 full level  
**A47L 15/00** (2006.01); **A47L 15/42** (2006.01); **D06F 37/42** (2006.01); **D06F 39/04** (2006.01); **D06F 58/26** (2006.01); **D06F 34/10** (2020.01); **D06F 58/50** (2020.01)

CPC (source: EP US)  
**A47L 15/0049** (2013.01 - EP); **A47L 15/4285** (2013.01 - EP); **A47L 15/46** (2013.01 - EP); **D06F 37/42** (2013.01 - EP US); **F24C 7/087** (2013.01 - EP US); **H02H 3/162** (2013.01 - EP); **H02H 5/10** (2013.01 - EP); **H05B 1/0269** (2013.01 - EP); **A47L 2401/30** (2013.01 - EP); **A47L 2501/06** (2013.01 - EP); **D06F 34/10** (2020.02 - EP US); **D06F 39/04** (2013.01 - EP US); **D06F 58/50** (2020.02 - EP US); **D06F 2103/44** (2020.02 - EP US); **D06F 2105/00** (2020.02 - EP US)

Citation (search report)  
See references of WO 2014155336A2

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

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**WO 2014155336 A2 20141002; WO 2014155336 A3 20141204**; EP 2999389 A2 20160330; IT TO20130259 A1 20140929

DOCDB simple family (application)  
**IB 2014060220 W 20140327**; EP 14719100 A 20140327; IT TO20130259 A 20130328