

Title (en)

Electronic safety system for an electric household appliance with an access door

Title (de)

Elektronische Steuervorrichtung für ein elektrisches Haushaltsgerät mit Zugangstür

Title (fr)

Dispositif de contrôle électronique pour appareil électroménager doté d'une porte d'accès

Publication

**EP 2123820 A1 20091125 (EN)**

Application

**EP 09006501 A 20090514**

Priority

- EP 08156770 A 20080522
- EP 09006501 A 20090514

Abstract (en)

An electric household appliance (1) comprising a casing (2); a laundry drum (3) housed inside the casing (2) and facing an opening (4) formed in the casing (2); an access door (5) fitted to the casing (2) to move between an open position and a closed position opening and closing the opening (4) respectively; electronic switching means (35) which switch to off or on to respectively disconnect or connect the electric household appliance (1) to a power line (9); electric household appliance (1) comprising an electronic safety system (6)(30)(60) configured to detecting a hazard condition corresponding to said access door (5) being opened during a black out, or a safety condition corresponding to the access door (5) not being opened during the black out; and selectively disabling or enabling electronic switching means (35) upon detection of said hazard condition or said safety condition respectively.

IPC 8 full level

**D06F 37/42** (2006.01); **D06F 34/08** (2020.01)

CPC (source: EP US)

**D06F 37/42** (2013.01 - EP US); **D06F 34/08** (2020.02 - EP US); **D06F 2101/00** (2020.02 - EP US); **D06F 2103/00** (2020.02 - EP US); **D06F 2103/40** (2020.02 - EP US); **D06F 2105/62** (2020.02 - EP US)

Citation (search report)

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- [A] US 4461940 A 19840724 - ISHIMURA YOHZO [JP]
- [A] US 2003197387 A1 20031023 - DIRNBERGER ALBERT [DE]
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Cited by

EP2569476B1

Designated contracting state (EPC)

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 SE SI SK TR

DOCDB simple family (publication)

**EP 2123819 A1 20091125**; AT E521748 T1 20110915; EP 2123820 A1 20091125; EP 2123820 B1 20110824; ES 2372659 T3 20120125; PL 2123820 T3 20120131; RU 2009119294 A 20101127; RU 2497989 C2 20131110

DOCDB simple family (application)

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