

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 B1 20110824 (EN)

Application

EP 09006501 A 20090514

Priority

- EP 08156770 A 20080522
- EP 09006501 A 20090514

Abstract (en)

[origin: EP2123819A1] An electric household appliance (1) having a casing (2); an access door (5) fitted to the casing (2) to move between an open position and a closed position respectively opening and closing an opening (4) formed in the casing (2); an electronic switch (11) located along a power branch of the electric household appliance (1); and an electronic control device (6) in turn having a detecting module (12) for detecting a hazard condition corresponding to the access door (5) being opened during a power cut, or a safety condition corresponding to the access door (5) not being opened during the power cut, and a control module (13) for selectively disabling or enabling the electronic switch (11) upon detection of the hazard condition or the 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)

Cited by

EP2569476B1

Designated contracting state (EPC)

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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

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