

Title (en)

Electrical appliance with an improved door mechanism

Title (de)

Elektrisches Gerät mit verbessertem Türenmechanismus

Title (fr)

Appareil électrique avec un mécanisme de porte amélioré

Publication

EP 2481845 A1 20120801 (EN)

Application

EP 12161279 A 20080331

Previously filed application

08153795 20080331 EP

Priority

- EP 12161279 A 20080331
- EP 08153795 A 20080331

Abstract (en)

An electrical appliance (1) comprising: a casing (2); a work environment (3) housed inside the casing (2) and having a loading/unloading opening (4); a door (5) fitted to the casing (2) to close the loading/unloading opening (4) of the work environment (3); and connecting means (6) for connecting the door (5) to the casing (2) so that the door (5) can be moved between a closed position and an open position, and comprising at least one first guide (9) formed on the door (5), at least one trolley (10) sliding along the first guide (9), and at least one hinge (11) connecting the trolley (10) to the casing (2) to permit rotation about a horizontal axis of rotation (14); wherein respective bottom parts of the first guides (9) slope towards the casing (2), so that, over the last portion of its opening movement, the door (5) moves towards the casing (2).

IPC 8 full level

D06F 37/28 (2006.01); **A47L 15/42** (2006.01); **D06F 39/14** (2006.01); **F24C 15/02** (2006.01)

CPC (source: EP US)

A47L 15/4261 (2013.01 - EP US); **D06F 39/14** (2013.01 - EP US); **F24C 15/023** (2013.01 - EP); **D06F 37/42** (2013.01 - EP US)

Citation (search report)

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- [AD] US 6029649 A 20000229 - SU YUNG SEN [TW]
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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 MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 2107152 A1 20091007; **EP 2107152 B1 20140611**; EP 2481845 A1 20120801; EP 2481845 B1 20140611

DOCDB simple family (application)

EP 08153795 A 20080331; EP 12161279 A 20080331