

Title (en)
ELECTRICAL HOUSEHOLD APPLIANCE

Title (de)
ELEKTROHAUSHALTSGERÄT

Title (fr)
APPAREIL ÉLECTROMÉNAGER

Publication
EP 3061383 A1 20160831 (EN)

Application
EP 16154198 A 20160204

Priority
IT TO20150142 A 20150227

Abstract (en)
An electrical household appliance (1) has a load-bearing structure (2) and a door (6). The door (6) is hinged in a lower region thereof to the load-bearing structure (2) via at least one hinge (7) so as to turn according to a substantially horizontal axis of rotation between a closed position and an open position, in which the door (6) is substantially vertical and substantially horizontal, respectively. An upper region of the door (6) is provided with a sliding coupling (50), designed to constrain to the door (6) a front panel (12), the coupling (50) being configured for enabling sliding of the front panel (12) with respect to the door (6) in a direction substantially orthogonal to the axis of rotation. The hinge (7) comprises a first part secured to the load-bearing structure (2), a second part secured to the door (6) and an articulation arrangement that connects the first hinge part (13) to the second hinge part (14). The sliding coupling (50) is pre-arranged for enabling also an angular movement of the front panel (12) relative to the door (6) during passage of the latter between its closed and open positions. The hinge (7) comprises a transmission system (40, 42) designed to connect the front panel (12) to the articulation arrangement of the hinge (7) so as to cause both the aforesaid sliding of the front panel (12) and a displacement of a lower region of the front panel (12) into a position at a distance from the door (6), during passage of the door (6) from the closed position to the open position.

IPC 8 full level
A47L 15/42 (2006.01)

CPC (source: EP)
A47L 15/4261 (2013.01); **A47L 15/4265** (2013.01); **E05F 1/1261** (2013.01); **E05Y 2900/304** (2013.01)

Citation (applicant)
• EP 1529482 A1 20050511 - BONFERRARO SPA [IT]
• EP 1894509 A1 20080305 - BONFERRARO SPA [IT]

Citation (search report)
• [X] EP 2092871 A1 20090826 - ELECTROLUX HOME PROD CORP [BE]
• [A] EP 2407723 A1 20120118 - ELECTROLUX HOME PROD CORP [BE]
• [AD] EP 1894509 A1 20080305 - BONFERRARO SPA [IT]

Cited by
CN110678114A; EP4375466A1; CN111839409A; EP3863492A4

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)
EP 3061383 A1 20160831

DOCDB simple family (application)
EP 16154198 A 20160204