

Title (en)
Opening device, particularly for a recessed electrical household appliance

Title (de)
Öffnungsvorrichtung, insbesondere für ein eingelassenes elektrisches Haushaltsgerät

Title (fr)
Dispositif d'ouverture, en particulier pour un appareil domestique électrique encastré

Publication
EP 2377449 A1 20111019 (EN)

Application
EP 11152396 A 20110127

Priority
IT TV20100061 A 20100413

Abstract (en)
An opening device (1), particularly for an electrical household appliance (2) that is recessed between two sides (3a,3b) of a piece of furniture (4), comprising a door wing (5) which is associated, at its lower edge (7), with means, jointly connected to the furniture sides (3a,3b), which are adapted to impose a combined rotation and translation on the door wing (5) during its opening. The door wing (5) is associated, in proximity to its upper edge, with a pair of guides (11a, 11b) which are slidingly associated with a slider (14) which is rotatably associated with a pivot (18) which is jointly connected at one end to a side wall (20) of a frame (21) associated with the door (6) of the electrical household appliance (2).

IPC 8 full level
A47L 15/42 (2006.01)

CPC (source: EP KR)
A47L 15/4265 (2013.01 - EP); **E05D 3/06** (2013.01 - KR); **E05D 7/00** (2013.01 - KR); **E05F 17/002** (2013.01 - EP); **A47B 77/08** (2013.01 - EP); **E05Y 2900/20** (2013.01 - EP)

Citation (search report)

- [A] DE 10161658 A1 20030626 - ELECTROLUX AG ZUERICH [CH]
- [A] EP 2092871 A1 20090826 - ELECTROLUX HOME PROD CORP [BE]
- [A] EP 2093360 A1 20090826 - WHIRLPOOL CO [US]
- [A] DE 3003951 A1 19810813 - MIELE & CIE [DE]

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 2377449 A1 20111019; **EP 2377449 B1 20130327**; CN 102220827 A 20111019; CN 102220827 B 20151125; IT 1399574 B1 20130419; IT TV20100061 A1 20111014; KR 20110114456 A 20111019

DOCDB simple family (application)
EP 11152396 A 20110127; CN 201110105849 A 20110411; IT TV20100061 A 20100413; KR 20110032141 A 20110407