

Title (en)
HOUSEHOLD APPLIANCE

Title (de)
HAUSHALTSGERÄT

Title (fr)
APPAREIL DOMESTIQUE

Publication
EP 3722675 A1 20201014 (EN)

Application
EP 20168893 A 20200409

Priority
IT 201900005596 A 20190411

Abstract (en)
A household appliance (1) having at least one door (3) which comprises a guide element (30) sliding within a first guide (31) constrained to a structure (3A) of the household appliance (1), the door comprising a second guide (32) inside which a joint (6) of a first hinge (5) is slidingly engaged, the first hinge (5) comprising a frame (7) fixed to the structure (3A) of the household appliance, the joint (6) and the frame (7) being reciprocally hinged at a first point (A), the joint (6) being also hinged at a second point (B) - other than the first point (A) - to a tie rod (8) to which a load is applied by an elastic element (9) constrained to the frame (7), the hinge (5) comprising a damper (10) configured to brake the door motion of the door when the door (3) is nearing the closed position.

IPC 8 full level
F24C 15/02 (2006.01); **A47L 15/42** (2006.01); **E05D 15/58** (2006.01); **E05F 3/20** (2006.01)

CPC (source: EP)
E05D 15/582 (2013.01); **E05F 1/1075** (2013.01); **E05F 5/06** (2013.01); **F24C 15/023** (2013.01); **F24C 15/026** (2013.01); **A47L 15/4261** (2013.01); **E05D 2015/586** (2013.01); **E05F 1/1058** (2013.01); **E05Y 2201/256** (2013.01); **E05Y 2201/264** (2013.01); **E05Y 2201/626** (2013.01); **E05Y 2900/308** (2013.01)

Citation (applicant)
EP 2574712 A1 20130403 - BSH BOSCH SIEMENS HAUSGERAETE [DE]

Citation (search report)
• [A] EP 2574712 A1 20130403 - BSH BOSCH SIEMENS HAUSGERAETE [DE]
• [A] EP 2474786 A2 20120711 - LAAG S R L [IT]
• [A] WO 2007082824 A2 20070726 - BSH BOSCH SIEMENS HAUSGERAETE [DE], et al
• [A] DE 102014100541 A1 20150723 - MIELE & CIE [DE]
• [A] US 2378421 A 19450619 - MCCORMICK FRANCIS H

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

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EP 3722675 A1 20201014; **EP 3722675 B1 20211117**; IT 201900005596 A1 20201011

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