

Title (en)

Retractable door handle for a household appliance and household appliance with such a door handle

Title (de)

Versenkbare Griffvorrichtung für eine Tür eines Hausgeräts und Hausgerät mit einer derartigen Griffvorrichtung

Title (fr)

Dispositif de poignée escamotable pour la porte d'un appareil ménager et appareil ménager doté d'un tel dispositif de poignée

Publication

EP 2068087 A3 20131127 (DE)

Application

EP 08105812 A 20081118

Priority

DE 102007058692 A 20071206

Abstract (en)

[origin: EP2068087A2] The device has a handrail (9) and bar holders (11, 12) e.g. rocker arms, mechanically connected with the handrail. The bar holders are movable relative to the handrail by a coupling mechanism (13). The coupling mechanism is arranged in the handrail. The coupling mechanism includes pushing devices (25, 27) that are connected with the holders by a pivot bearing and that are movable relative to the holders. The pushing devices include push rods (26, 28) that are movable in a longitudinal direction of the handrail. The holders are coupled with a movement damping device.

IPC 8 full level

F24C 15/02 (2006.01)

CPC (source: EP)

F24C 15/024 (2013.01); **E05B 5/003** (2013.01); **E05B 17/0041** (2013.01); **E05B 2001/0023** (2013.01)

Citation (search report)

- [X1] DE 1761643 U 19580220 - GRUNDIG MAX [DE]
- [X1] US 3431586 A 19690311 - BUSH GEORGE W
- [X1] DE 1198963 B 19650819 - SIEMENS AG
- [X1] DE 9319198 U1 19940210 - STRUNKMANN MEISTER TREUHAND UN [DE]
- [X1] DE 20006943 U1 20010523 - SIEMENS AG [DE]

Cited by

EP2354669A1; CN102834674A; AU2011214507B2; US9291353B2; WO2011098399A1

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

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

EP 2068087 A2 20090610; **EP 2068087 A3 20131127**; **EP 2068087 B1 20160713**; DE 102007058692 A1 20090610; ES 2585130 T3 20161004; PL 2068087 T3 20161230

DOCDB simple family (application)

EP 08105812 A 20081118; DE 102007058692 A 20071206; ES 08105812 T 20081118; PL 08105812 T 20081118