

Title (en)

SWINGING DOOR FOR A HOUSEHOLD APPARATUS, WHICH IS PERMANENTLY RETURNED TO A HALFOPENED POSITION

Publication

**EP 0014114 B1 19840822 (FR)**

Application

**EP 80400032 A 19800111**

Priority

FR 7901338 A 19790119

Abstract (en)

[origin: EP0014114A1] 1. A household equipment comprising a casing (1) and a door (2) swivelling around an axis (15) which is fixed to the chassis, this door being drawn in permanence into its semi-open position by a return-spring (3) which is loaded in tension and one end of which is fixed to said swivelling door while the other end is fixed to one end of an element which is articulated around an axis integral with the equipment chassis, characterized in that the articulated element is a lever (6) which swivels in its central zone around the axis (13), and that it comprises a stop (14) which is integral with the chassis (1) and which creates in cooperation with the second free end of the lever (6) a limitation of its rotation and for any door (2) position between the closed and the semi-open position, a tension of the spring (3) drawing said door into said semi-open position which constitutes the equilibrium position of the door (2), the distance between the swivel axis (15) of the door (2) and that end (4) of the spring (3) which is attached to the door (2) being then the shortest distance.

IPC 1-7

**E05F 1/10**; **A47L 15/42**; **F24C 15/02**

IPC 8 full level

**A47L 15/42** (2006.01); **E05F 1/10** (2006.01); **F24C 15/02** (2006.01)

CPC (source: EP)

**A47L 15/4261** (2013.01); **E05F 1/1075** (2013.01); **F24C 15/023** (2013.01); **E05Y 2900/304** (2013.01); **E05Y 2900/308** (2013.01)

Cited by

US5980006A; EP0551234A1; FR2686120A1; EP0632180A1; EP0541974A1

Designated contracting state (EPC)

DE GB IT SE

DOCDB simple family (publication)

**EP 0014114 A1 19800806**; **EP 0014114 B1 19840822**; DE 3068984 D1 19840927; ES 254318 U 19820716; ES 254318 Y 19830201; FR 2446915 A1 19800814; FR 2446915 B1 19830415; YU 10780 A 19830228; YU 39872 B 19850430

DOCDB simple family (application)

**EP 80400032 A 19800111**; DE 3068984 T 19800111; ES 254318 U 19800117; FR 7901338 A 19790119; YU 10780 A 19800117