

Title (en)
APPLIANCE DOOR WITH A DECORATOR PANEL

Publication
EP 0047685 B2 19901128 (FR)

Application
EP 81401288 A 19810811

Priority
FR 8019258 A 19800905

Abstract (en)
[origin: EP0047685A1] 1. Claims for the contracting states : AT CH DE IT LI NL An appliance, more especially an electrical household appliance, provided with a front door (4), pivoting about a horizontal axis (6) between a closed vertical position and a horizontal opened position and provided with a facing panel (7) connected to it by a system provided with pivot links in such a manner as to be applied to the said door in a vertical closed position and remote from the door in the open position, characterized on the one hand in that the facing panel (7) is solely connected to the said front door (4) and on the other hand in that the connection between the door and the panel comprises articulated pivot links (10, 13 and 18) forming deflectable parallelograms with the facing panel (7) and the door (4). 1. Claims for the contracting state : GB An appliance, more especially an electric household appliance, provided with a door (4) with a facing panel (7) connected to it by pivot links (10, 13 and 18) which with the latter, the facing panel and the door form an articulating linkage of the parallelogram type, the door pivoting about horizontal axes, characterized in that the assembly made up of the pivot links (10, 13 and 18), the facing panel (7) and the door (4) forms deflectable parallelograms having an area other than zero when the door is in a closed position, and in that there is a positive component of the forces applied to these parallelograms, which moves the facing panel towards this door. 1. Claims for the contracting state : SE An appliance, more especially an electrical household appliance, comprising a front door (4) adapted to pivot about a horizontal axis (6) between a vertical closed position and a horizontal open position and provided with a facing panel (7) connected with it by a system provided with pivot links in such a manner as to be applied to this door in the vertical position and remote from the door in the opened position, characterized in that it firstly comprises four pivot links (18) articulating on one side at the ends of their out halves about horizontal axes in pivot joints (19) secured to the inner surface of the facing panel (7) and on the other side by parts of their inner halves, carrying their inner ends, pivoting about horizontal axes, in pivot joints (20) secured to the outer wall (17) of the door (4), and secondly two coupling rods (22) pivotally connecting the inner ends of these pivot links in order to form, with the pivot links, the facing panel and the door, two sets of twinned deflectable parallelograms.

IPC 1-7
A47L 15/42

IPC 8 full level
A47B 77/08 (2006.01); **A47L 15/42** (2006.01)

CPC (source: EP)
A47B 77/08 (2013.01); **A47L 15/4265** (2013.01)

Cited by
EP0516002A1; US5496104A; EP0162028A1; GB2238468A; GB2238468B; EP0420227A1; DE3826750A1; FR2525448A1

Designated contracting state (EPC)
AT CH DE GB IT LI NL SE

DOCDB simple family (publication)
EP 0047685 A1 19820317; EP 0047685 B1 19850206; EP 0047685 B2 19901128; AT E11634 T1 19850215; AU 545896 B2 19850808; AU 7495081 A 19820311; DE 3168779 D1 19850321; DK 158826 B 19900723; DK 158826 C 19910114; DK 391681 A 19820306; ES 269016 U 19830616; ES 269016 Y 19831216; FR 2489685 A1 19820312; FR 2489685 B1 19821001; GR 74639 B 19840629

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EP 81401288 A 19810811; AT 81401288 T 19810811; AU 7495081 A 19810904; DE 3168779 T 19810811; DK 391681 A 19810904; ES 269016 U 19810904; FR 8019258 A 19800905; GR 810165933 A 19810902