

Title (en)
Built-in domestic appliance with front decorative panels

Title (de)
Einbau-Haushaltsgerät mit dekorativer Frontplatte

Title (fr)
Appareil menager integre avec panneau avant decorativ

Publication
EP 1591040 A1 20051102 (EN)

Application
EP 04425132 A 20040301

Priority
EP 04425132 A 20040301

Abstract (en)

In a built-in domestic appliance with a door (9) hinged along its bottom side, provided with a top front decorative panel (11) and with a bottom front decorative panel (12) arranged flush with the top panel (11), the bottom panel (12) is mounted through a system including: a plate (4) to which an upper rod (2) and a lower rod (3) are pivotally connected (A', B'), the other ends of said rods (2, 3) being pivotally connected (A, B) to a support (1) secured to the base (10) of the appliance; a horizontal rod (8) comprising a forward end pivotally connected (C) to a bar (6) integral with the door and vertically oriented when the door is closed, and a rearward end guided by a guiding member (D) secured to the appliance; a push lever (5), pivotally connected (G) to said support (1), comprising a downwardly directed portion in which a slot (15) is formed, as well as an upwardly directed portion carrying at its distal end a roller (16) that abuts against the rear of the lower rod (3) when the door is closed; and a connecting rod (7) pivotally connected (E, F) to a lower portion of the horizontal rod (8) and to a bottom extension (2') of the upper rod (2), the slot (15) slidingly receiving the pin (F) that connects the connecting rod (7) to the upper rod (2). This allows to achieve a smooth movement of the mechanism and to use any mounting system for the top panel (11) applied to the door (9) so that no difficulty results in the installation inside the furniture nor in the lowering of the top panel with the door closed even if the bottom panel (12) is flush with the top panel (11), which can even be shorter than the door (9) so as to be able to use a bottom panel (12) of standard height.

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A47B 95/00

IPC 8 full level
A47B 95/00 (2006.01); **A47L 15/42** (2006.01)

CPC (source: EP)
A47L 15/4261 (2013.01); **A47L 15/4265** (2013.01)

Citation (search report)

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