

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

Title (de)
Eingebautes Haushaltsgerät mit vorderen Schönheitspaneelen

Title (fr)
Appareil électroménager encastré avec panneaux avants décoratives

Publication
EP 1502536 A1 20050202 (EN)

Application
EP 03425504 A 20030728

Priority
EP 03425504 A 20030728

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) which through an upper rod (2) and a lower rod (3) connects the panel (12) to a support (1) secured to the base (10) of the domestic appliance, a horizontal rod (8) which at the forward end is pivoted (C) to a vertical bar (6) integral with the door (9) and at the rear end is guided by a pin (D) secured to the base (10), a push lever (5) pivoted (B) on the support (1) extending downward until it comes in contact with the panel (12) and extending upward into an arm where there is formed an open slot (15) that slidably receives a pin (G) carried by the horizontal rod (8), and a connecting rod (7) pivoted between the lower portion of the horizontal rod (8) and a bottom extension (2') of 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. <IMAGE>

IPC 1-7
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IPC 8 full level
A47L 15/42 (2006.01); **F24C 15/02** (2006.01)

CPC (source: EP)
A47L 15/4261 (2013.01); **A47L 15/4265** (2013.01); **F24C 15/023** (2013.01)

Citation (search report)
• [A] EP 1169963 A1 20020109 - BLUTHAUP GMBH & CO KG KUECHENS [DE]
• [A] DE 19613300 C1 19970430 - BAUKNECHT HAUSGERAETE [DE]
• [A] EP 0858767 A1 19980819 - NUOVA STAR SRL [IT]
• [A] WO 03039322 A1 20030515 - CMI SRL [IT], et al

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EP1702550A1; USD844845S; US10407961B2; US10781619B2; US11041334B2

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