

Title (en)

Built-in domestic appliance with decorative panel applied to the door

Title (de)

Haushaltseinbaugerät mit an die Gerätetür angeordneter Vorsatzplatte

Title (fr)

Appareil électroménager à encastrer avec avant-plaque appliquée sur la porte

Publication

EP 1894509 B1 20100310 (EN)

Application

EP 06425603 A 20060831

Priority

EP 06425603 A 20060831

Abstract (en)

[origin: EP1894509A1] In a built-in domestic appliance with a door (2) hinged along its bottom side and provided with a front decorative panel (1) applied to the appliance through a mounting system including a sliding coupling between the panel (1) and the door (2) with sliding direction orthogonal to the rotation axis of the door, the panel (1) is also connected to the machine frame through an articulated lever system (9, 10) connected by an arcuate tie-rod (7) to the hinge of the door (2) so as to achieve an automatic upward and downward sliding of the panel (1) during the opening and closing of the door (2) respectively. In this way it is possible to mount panels higher than 800 mm, whose bottom edge (15) extends nearly to the floor, on the same machines manufactured for the application of standard panels, since the opening and closing movement of the door (2) also causes the automatic movement of the panel (1) with respect to the door (2).

IPC 8 full level

A47L 15/42 (2006.01); **D06F 39/14** (2006.01)

CPC (source: EP US)

A47L 15/4261 (2013.01 - EP); **A47L 15/4265** (2013.01 - EP); **D06F 39/14** (2013.01 - EP US); **E05F 17/00** (2013.01 - EP); **E05Y 2201/11** (2013.01 - EP); **E05Y 2201/624** (2013.01 - EP); **E05Y 2201/686** (2013.01 - EP); **E05Y 2600/11** (2013.01 - EP); **E05Y 2600/20** (2013.01 - EP); **E05Y 2600/31** (2013.01 - EP); **E05Y 2800/10** (2013.01 - EP); **E05Y 2800/102** (2013.01 - EP); **E05Y 2900/00** (2013.01 - EP); **E05Y 2900/302** (2013.01 - EP); **E05Y 2900/304** (2013.01 - EP)

Cited by

EP3061383A1; EP3108791A1; EP2407723A1; EP2904955A1; EP2329758A1; EP3420877A1; US10390681B2; US8511761B2; EP2932880A1; WO2010076200A1; WO2017174145A1; US10244920B2; DE102015105442B4; EP3081136A1; US11026558B2; EP2881029A1; WO2020171393A1; DE102009047422A1

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