

Title (en)
HINGE FOR HOME APPLIANCE

Title (de)
SCHARNIER FÜR HAUSHALTSGERÄT

Title (fr)
CHARNIÈRE POUR APPAREIL ÉLECTROMÉNAGER

Publication
EP 3621507 B1 20210630 (EN)

Application
EP 18728741 A 20180504

Priority
• IT 201700049646 A 20170508
• IB 2018053107 W 20180504

Abstract (en)
[origin: WO2018207063A1] Hinge (1) for home appliance (100), adapted to connect the door (101) of said home appliance to the main body (102) of said home appliance between a closed position (C) and an open position (O) such that the door can rotate around a first rotation axis (X), said home appliance further comprising at least one decorative panel (103) slidably constrained on a plane (A) substantially parallel to the outer flat surface (101a) of said door (101) of said home appliance along a direction (Z) substantially orthogonal to said first rotation axis, said hinge (1) comprising a stationary frame (2) combinable with said main body (102), and a movable frame (3) combinable with said door (101) and rotatable around said stationary frame (2) around a first pivot (4) integral with said stationary frame and having longitudinal axis coincident with said first rotation axis, said hinge (1) further comprising displacing means (5) to displace said decorative panel along said sliding plane (A) at least when said door rotates with respect to said main body, said displacing means comprising at least one slider (6) combinable with said decorative panel and displaceable between a first (P1) and a second (P2) position along said movable frame (3), in a direction (L) substantially orthogonal to said first rotation axis, and at least one activating mechanism (8) to activate said slider between said first position and said second position, and vice-versa, characterized in that said displacing means (5) further comprise at least one transmission lever (9) of the motion from said slider (6) to said decorative panel (103), at least when said slider is displaced from said first position (P1) to said second position (P2), and vice-versa, said at least one transmission lever (9) being rotatably constrained to said movable frame around a second rotation axis (Y) substantially orthogonal to said sliding plane (A) for said decorative panel (103).

IPC 8 full level
A47L 15/42 (2006.01); **E05D 3/02** (2006.01); **E05D 3/18** (2006.01)

CPC (source: EP)
A47L 15/4261 (2013.01); **E05D 3/022** (2013.01); **E05D 3/18** (2013.01); **E05D 5/06** (2013.01); **E05Y 2800/10** (2013.01); **E05Y 2900/302** (2013.01); **E05Y 2900/304** (2013.01)

Cited by
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DOCDB simple family (publication)
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