

Title (en)
Hinge

Title (de)
Scharnier

Title (fr)
Charnière

Publication
EP 1439277 B1 20070711 (DE)

Application
EP 04000578 A 20040114

Priority
DE 10301373 A 20030116

Abstract (en)
[origin: EP1439277A1] The hinge, for a swing panel (1) on a swing axis (2), and especially the flap for an appliance housing, has the swing axis at a slide (3) with a linear movement against a carrier (4). A lever mechanism (6), without teeth, couples a swing movement of the panel and a sliding movement of the slide. The lever mechanism has a swing lever (7) mounted on a pivot axis (8) at the panel, at a gap from the swing axis and on a bearing axis (9) at the carrier. A spring (14) and contour (11) lock the panel in the open and closed positions.

IPC 8 full level
E05D 11/06 (2006.01); **E05D 3/02** (2006.01); **E05D 3/06** (2006.01)

CPC (source: EP)
E05D 3/022 (2013.01); **E05Y 2900/30** (2013.01)

Cited by
EP2728984A1; CN103628764A; EP2759669A3; US10526831B2; EP3262261B1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1439277 A1 20040721; EP 1439277 B1 20070711; AT E366861 T1 20070815; DE 10301373 A1 20040729; DE 502004004267 D1 20070823

DOCDB simple family (application)
EP 04000578 A 20040114; AT 04000578 T 20040114; DE 10301373 A 20030116; DE 502004004267 T 20040114