Title (en)
Opening mechanism for sliding doors

Title (de)
Öffnungsmechanismus für Schiebetüren

Title (fr)
Mécanisme d'ouverture pour portes coulissantes

Publication
EP 1775407 A3 20081126 (EN)

Application
EP 06122175 A 20061012

Priority
IT TV20050150 A 20051013

Abstract (en)
[origin: EP1775407A2] Opening mechanism (11a, 11b) for each of a plurality of doors (12) of a furniture unit (10) arranged alongside each other in the closed position and provided with travel means (32a, 32b), comprising a frame (40a, 40b) extractable from the furniture unit with a horizontal movement so as to displace one door with respect to an adjacent door, a horizontal support element (20a, 20b), joined to the frame, for the travel means. The mechanism is characterized in that the door comprises a first auxiliary guide (22a, 22b) which is parallel to the support guide and offset depth-wise with respect to the latter by an amount equivalent to the horizontal movement of the frame, so that extraction of the door (12A) results in alignment of the auxiliary guide with the guide joined to the frame of the adjacent door (12C), producing from the two guides thus aligned a section (22a, 22b) along which the travel means are able to travel, causing the extracted door (12A) to be arranged over the adjacent door (12C).

IPC 8 full level
E05D 15/06 (2006.01)

CPC (source: EP)
E05D 15/0608 (2013.01); **E05D 15/1065** (2013.01); E05D 2015/1071 (2013.01); E05Y 2201/62 (2013.01); E05Y 2201/716 (2013.01); E05Y 2201/722 (2013.01); E05Y 2800/00 (2013.01); E05Y 2900/00 (2013.01); E05Y 2900/20 (2013.01)

Citation (search report)
- [XA] CH 616720 A5 19800415 - STOISSER HANS ING OHG
- [A] DE 3619775 A1 19871217 - HANEWINKEL HEINZ [DE]

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

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
EP 1775407 A2 20070418; **EP 1775407 A3 20081126**; IT TV20050150 A1 20070414

DOCDB simple family (application)
EP 06122175 A 20061012; IT TV20050150 A 20051013