

Title (en)
STRUCTURE FOR SLIDING DOORS AND RELATED KIT FOR ASSEMBLY

Title (de)
STRUKTUR FÜR SCHIEBETÜREN UND ZUGEHÖRIGES MONTAGEKIT

Title (fr)
STRUCTURE POUR PORTES COULISSANTES ET KIT ASSOCIÉ POUR ASSEMBLAGE

Publication
EP 4339409 A1 20240320 (EN)

Application
EP 23196607 A 20230911

Priority
IT 202200018651 A 20220913

Abstract (en)
A structure (1) for sliding doors, which comprises:- an in-wall frame (2) which internally defines an internal cavity (10) and comprises a passage opening (14) defined between two vertical side posts (41, 42);- an upper guide (8) along which an extractable supporting element (90) can slide which is adapted to support a door body (9) so as to guide its sliding into, and out of, said internal cavity (10) through the passage opening (14), and- a guiding element (50) adapted to be fixed in a fixed position relative to the in-wall frame (2) and provided with a vertical protrusion (51) which is adapted to engage a lower slot of the door body (9) in order to limit the sliding thereof along a sliding axis;the guiding element (50) comprises two main lateral projections (52, 53), which are arranged at two opposite lateral ends, each one defining an interlocking recess (55, 56) which is adapted to accommodate a respective appendage (43, 44) of one of the two vertical side posts (41, 42) in order to provide a fixed condition for use.

IPC 8 full level
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CPC (source: EP)
E05D 15/0656 (2013.01); **E06B 3/4654** (2013.01); **E05Y 2600/528** (2013.01); **E05Y 2800/684** (2013.01); **E05Y 2900/132** (2013.01)

Citation (applicant)
IT 202200018651 A1 20240313 - PROTEK S R L [IT]

Citation (search report)
• [X1] DE 202013103663 U1 20141114 - HÜCKING GMBH [DE]
• [X1] EP 2455573 A1 20120523 - ECLISSE SRL [IT]
• [X1] US 2022275679 A1 20220901 - FORD ALEXANDER FRANCIS [NZ], et al
• [X1] EP 3822447 A1 20210519 - PROTEK S R L [IT]

Designated contracting state (EPC)
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