

Title (en)
Reinforced door

Title (de)
Verstärkte Tür

Title (fr)
PORTE BLINDÉE

Publication
EP 2915941 A1 20150909 (EN)

Application
EP 14425020 A 20140304

Priority
EP 14425020 A 20140304

Abstract (en)

A reinforced door (1) of the type that comprises at least one frame (2) provided with at least one upright and at least one crossmember that can be installed in an opening of a wall and at least one leaf (3) provided with at least one perimetric border (4), with at least one panel (5) that constitutes a face of the leaf, with internal reinforcement and stiffening elements (6), with insulating material (7) and with a lock (8) controlled by respective bolts (9). Between the frame (2) and the leaf (3) there is interposed at least one mutual connection hinge (10), which comprises at least one plate (11) that can be coupled detachably to a respective upright. The plate (11) is provided with at least one hollow protruding block (12) for the pivoting of a slider (13) for supporting the hinge (14). Between the plate (11) and the slider (13) there are means for adjusting their mutual arrangement, perimetrically to the leaf (3) there is at least one sealing gasket (15) intended to abut against a corresponding surface of the frame (2) exclusively at predefined conditions of mutual alignment thereof that derive from the mutual arrangement of said plate (11) and the slider (13).

IPC 8 full level
E05D 3/02 (2006.01); **E05D 7/04** (2006.01)

CPC (source: EP)
E05D 7/0423 (2013.01); **E05D 5/06** (2013.01); **E05Y 2800/682** (2013.01); **E05Y 2900/00** (2013.01); **E05Y 2900/132** (2013.01); **E06B 3/827** (2013.01); **E06B 2003/7046** (2013.01); **E06B 2003/7051** (2013.01); **E06B 2003/7074** (2013.01)

Citation (search report)

- [I] DE 29500842 U1 19960523 - WILKE HEINRICH HEWI GMBH [DE]
- [A] WO 2010109377 A2 20100930 - EVI SRL UNIPERSONALE [IT], et al
- [A] US 1893252 A 19330103 - STABLER REUBEN A

Cited by
WO2021263078A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

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