

Title (en)
Single panelled overhead door

Title (de)
Ein-Blatt-Überkopftor

Title (fr)
Porte basculante à panneau unique

Publication
EP 1229197 A3 20070307 (DE)

Application
EP 02002640 A 20020205

Priority

- DE 20101944 U 20010205
- DE 10115571 A 20010329
- DE 10124793 A 20010521
- DE 10131689 A 20010629
- DE 10153366 A 20011029

Abstract (en)
[origin: EP1229197A2] The single-panel door, with an up-and-over swing movement, has a hollow torsion spring shaft (8) with only a single torsion spring (10) for weight compensation. The pawl spring, of the safety system (12) to prevent the door falling, is tensed solely by rotation of its coils, or the locking pawl is mounted in a swing holder opposite the door panel (1).

IPC 8 full level
E05D 13/00 (2006.01)

CPC (source: EP)
E05D 13/006 (2013.01); **E05D 13/1261** (2013.01); **E05Y 2900/106** (2013.01)

Citation (search report)

- [XY] US 3188698 A 19650615 - ZOLL MAURICE B, et al
- [Y] CH 340337 A 19590815 - SAVOISIENNE METALLURG ETABLISS [FR]
- [X] FR 1197711 A 19591202
- [X] FR 2630491 A1 19891027 - DOITRAND ROLAND [FR]
- [X] EP 0943771 A1 19990922 - NOVOFERM FRANCE [FR]
- [X] CH 189344 A 19370228 - BAUMANN WILH [CH]

Cited by
NL1023428C2; EP1831493A4; EP1396599A1; FR2844292A1; EP1748134A1; FR2889239A1; DE102019109532A1; EP1430195A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

Designated extension state (EPC)
AL LT LV MK RO SI

DOCDB simple family (publication)
EP 1229197 A2 20020807; EP 1229197 A3 20070307; EP 1229197 B1 20100407

DOCDB simple family (application)
EP 02002640 A 20020205