

Title (en)

Single-leaf head-over gate and suspension system therefor

Title (de)

Einblatt-Überkopftor sowie Federausführung hierfür

Title (fr)

Porte basculante à panneau unique et système de ressort associé

Publication

EP 1882801 B1 20140709 (DE)

Application

EP 07117301 A 20020205

Priority

- EP 02002640 A 20020205
- DE 20101944 U 20010205
- DE 10115571 A 20010329
- DE 10124793 A 20010521
- DE 10131689 A 20010629
- DE 10153366 A 20011029

Abstract (en)

[origin: DE10150000A1] 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); **E05D 15/38** (2006.01); **E05F 15/16** (2006.01)

CPC (source: EP)

E05D 13/006 (2013.01); **E05D 13/1261** (2013.01); **E05Y 2900/106** (2013.01)

Citation (examination)

DE 9307966 U1 19931209 - SCHEYING HEINZ [DE]

Cited by

DE102017119690A1; DE102017119690B4; CN112550667A; CN117102723A

Designated contracting state (EPC)

GB

DOCDB simple family (publication)

DE 10150000 A1 20020822; **DE 10150000 B4 20050609**; DE 50214325 D1 20100520; EP 1882801 A1 20080130; EP 1882801 B1 20140709

DOCDB simple family (application)

DE 10150000 A 20011011; DE 50214325 T 20020205; EP 07117301 A 20020205