

Title (en)  
Single panelled overhead door

Title (de)  
Einblatt-Überkopf-Tor

Title (fr)  
Porte basculante à panneau unique

Publication  
**EP 1229197 B1 20100407 (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)

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

Designated contracting state (EPC)  
DE FR GB IT

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

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