

Title (en)
Protective device for an overhead door

Title (de)
Schutzvorrichtung für ein insbesondere über Kopf bewegliches Kipp- oder Schwenktor

Title (fr)
Dispositif de protection pour porte basculante

Publication
EP 0982465 A3 20020109 (DE)

Application
EP 99116577 A 19990824

Priority
DE 29815507 U 19980828

Abstract (en)
[origin: EP0982465A2] The protection system for a door (100), especially an overhead swing or folding door, covers and seals the zones between two sections (1,2,5) with relative movements and especially the gap (21) between the frame (1) and the door panel (2), or between the frame (1) and the swing/tilt lever mechanism (5). A carrier or support (24), of a rigid and impact-resistant material, secures the protection (24) or a component part (22,23) of it at one of the moving sections (1,2,5), or is bonded to it. It has at least one protective bar or lip (25) at the carrier/support (24), with a relative movement between them. Should an object pass into the gap zone (21), such as a hand or a finger, the bar or lip can be displaced to prevent clamping or squeezing whatever is present.

IPC 1-7
E06B 7/23; **E06B 3/40**; **E05D 15/42**; **E06B 7/36**

IPC 8 full level
E05D 15/42 (2006.01); **E05F 1/10** (2006.01); **E06B 1/52** (2006.01); **E06B 3/40** (2006.01); **E06B 3/50** (2006.01); **E06B 7/23** (2006.01); **E06B 7/36** (2006.01)

CPC (source: EP)
E05D 13/1215 (2013.01); **E05D 15/425** (2013.01); **E06B 1/522** (2013.01); **E06B 7/231** (2013.01); **E06B 7/36** (2013.01); **E05D 13/1223** (2013.01); **E05Y 2201/488** (2013.01); **E05Y 2800/21** (2013.01); **E05Y 2800/696** (2013.01); **E05Y 2900/00** (2013.01); **E05Y 2900/106** (2013.01); **E06B 2009/587** (2013.01)

Citation (search report)

- [X] DE 8603004 U1 19860522
- [XA] EP 0501083 A1 19920902 - PRAT DANIEL [FR]
- [X] DE 4341857 A1 19940908 - HOERMANN KG [DE]
- [XA] EP 0122616 A2 19841024 - KURZ RUDOLF GMBH & CO [DE]
- [A] DE 19637452 A1 19970807 - HOERMANN KG [DE]
- [A] US 4447988 A 19840515 - COLE RICHARD H [US], et al
- [A] DE 3026660 A1 19820128 - DOERING ERICH [CH]

Cited by
EP1369549A1; FR2840641A1; FR2867219A1; NL1025896C2

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

DOCDB simple family (publication)
DE 29815507 U1 20000113; DE 59911462 D1 20050217; DE 59911632 D1 20050324; EP 0982465 A2 20000301; EP 0982465 A3 20020109; EP 0982465 B1 20050216; EP 1325998 A2 20030709; EP 1325998 A3 20031015; EP 1325998 B1 20050112

DOCDB simple family (application)
DE 29815507 U 19980828; DE 59911462 T 19990824; DE 59911632 T 19990824; EP 03008660 A 19990824; EP 99116577 A 19990824