

Title (en)  
Door with braking device

Title (de)  
Tor mit Bremsenrichtung

Title (fr)  
Porte avec dispositif de freinage

Publication  
**EP 1010851 A3 20040102 (DE)**

Application  
**EP 99124572 A 19991209**

Priority  
DE 19857671 A 19981214

Abstract (en)  
[origin: EP1010851A2] The door, and especially a garage door, has a door panel which moves along a guide rail assembly between the open and closed positions. A brake rail (42) engages the door guide roller (30) at the open position, to brake the door during the opening movement. It has a braking zone which at least matches the dimensions of the door guide roller (30), with friction surfaces (45,47) bearing against the door guide roller (30) during the opening movement.

IPC 1-7  
**E05D 15/24**; **E05F 5/00**

IPC 8 full level  
**E05D 15/24** (2006.01); **E05F 5/00** (2006.01); **E05D 15/16** (2006.01)

CPC (source: EP)  
**E05D 15/24** (2013.01); **E05F 5/003** (2013.01); **E05D 15/165** (2013.01); **E05Y 2201/21** (2013.01); **E05Y 2201/26** (2013.01);  
**E05Y 2800/748** (2013.01); **E05Y 2900/106** (2013.01)

Citation (search report)  
• [XA] US 2142562 A 19390103 - GREEGOR RALPH H, et al  
• [XA] US 2846254 A 19580805 - FOREST WILLIAM J  
• [PXA] FR 2776330 A1 19990924 - NOVOFERM FRANCE SA [FR]  
• [A] GB 1234990 A 19710609 - SMAL GILLES [BE]

Cited by  
US7254868B2

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 19857671 A1 20000615**; DE 59912496 D1 20051006; DK 1010851 T3 20051114; EP 1010851 A2 20000621; EP 1010851 A3 20040102;  
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