

Title (en)  
Overhead door for collective garages

Title (de)  
Kipptor für Sammelgaragen

Title (fr)  
Porte basculante pour garage collectif

Publication  
**EP 1630343 A3 20090415 (DE)**

Application  
**EP 05018831 A 20050830**

Priority  
DE 102004041932 A 20040830

Abstract (en)  
[origin: EP1630343A2] The curved guide channels (18) on each side of the door leaf (2) slope inward at a slight angle behind the vertical guide rails (20). They curve further away from the vertical at the top. Rollers (16) on the door leaf engage with the curved guide rails. Rollers (4) at the top of the door run in horizontal guide rails (6). There are guide rollers (10) on the top rail for pull cords (8) connected to a spring drive (15).

IPC 8 full level  
**E05F 15/16** (2006.01); **E05D 15/38** (2006.01)

CPC (source: EP)  
**E05D 15/38** (2013.01); **E05F 15/681** (2015.01); **E05Y 2900/106** (2013.01)

Citation (search report)

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EP2045425A3; EP2199517A3

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA HR MK YU

DOCDB simple family (publication)  
**EP 1630343 A2 20060301; EP 1630343 A3 20090415; EP 1630343 B1 20101117**; AT E488664 T1 20101215; DE 102004041932 A1 20060309; DE 102004041932 B4 20060921; PL 1630343 T3 20110429

DOCDB simple family (application)  
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