

Title (en)  
Driving device for a gate

Title (de)  
Antriebsvorrichtung für ein Tor

Title (fr)  
Dispositif d'entraînement pour un portail

Publication  
**EP 1574656 A3 20051123 (DE)**

Application  
**EP 05011657 A 20030605**

Priority  
• DE 10227110 A 20020617  
• EP 03740188 A 20030605

Abstract (en)  
[origin: WO03106797A1] The invention relates to a drive device, especially for gates, garage doors etc., comprising a guiding device extending in the displacement direction of the gate or door, especially a rail or a guiding rail. The invention is characterised in that the supply means comprise a first insertion body which can be introduced into the ends of the guiding rails. Said insertion body is provided with a connection cable, is fixed to the end of the guiding rail and is embodied in such a way that it carries out its function on both ends of the guiding rail.

IPC 1-7  
**E05F 15/16**; **E05F 15/10**

IPC 8 full level  
**E05F 15/10** (2006.01); **E05F 15/16** (2006.01); **E05F 15/14** (2006.01)

CPC (source: EP US)  
**E05F 15/603** (2015.01 - EP US); **E05F 15/668** (2015.01 - EP US); **E05F 15/67** (2015.01 - EP US); **E05F 15/684** (2015.01 - EP US); **E05F 15/632** (2015.01 - EP US); **E05Y 2201/11** (2013.01 - EP US); **E05Y 2201/434** (2013.01 - EP US); **E05Y 2201/604** (2013.01 - EP US); **E05Y 2201/656** (2013.01 - EP US); **E05Y 2201/684** (2013.01 - US); **E05Y 2201/708** (2013.01 - EP US); **E05Y 2600/40** (2013.01 - EP US); **E05Y 2600/46** (2013.01 - EP US); **E05Y 2900/106** (2013.01 - EP US)

Citation (search report)  
• [DXA] DE 19808696 A1 19990812 - SOMMER GMBH [DE]  
• [XA] CH 678964 A5 19911129 - BOSCH GMBH ROBERT

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

DOCDB simple family (publication)  
**WO 03106797 A1 20031224**; AT E467029 T1 20100515; AT E479816 T1 20100915; AU 2003275874 A1 20031231; AU 2003275874 B2 20090423; CA 2488395 A1 20031224; CA 2488395 C 20100511; CN 100351489 C 20071128; CN 1697917 A 20051116; CN 1991119 A 20070704; CN 1991119 B 20110831; DE 10227110 A1 20040108; DE 10227110 B4 20090709; DE 10262147 B4 20071011; DE 50313050 D1 20101014; DK 1514001 T3 20100726; DK 1574656 T3 20101213; EP 1514001 A1 20050316; EP 1514001 B1 20100505; EP 1574656 A2 20050914; EP 1574656 A3 20051123; EP 1574656 B1 20100901; ES 2343791 T3 20100810; ES 2351342 T3 20110203; HU 227998 B1 20120828; HU P0500261 A2 20050628; MX PA04012248 A 20050930; PL 207677 B1 20110131; PL 372839 A1 20050808; PT 1514001 E 20100521; PT 1574656 E 20100921; RU 2004136290 A 20050720; RU 2296843 C2 20070410; SI 1514001 T1 20100831; SI 1574656 T1 20101231; US 2006211847 A1 20060921; US 7748167 B2 20100706; ZA 200410124 B 20060726

DOCDB simple family (application)  
**EP 0305901 W 20030605**; AT 03740188 T 20030605; AT 05011657 T 20030605; AU 2003275874 A 20030605; CA 2488395 A 20030605; CN 03814049 A 20030605; CN 200710008380 A 20030605; DE 10227110 A 20020617; DE 10262147 A 20020617; DE 50313050 T 20030605; DK 03740188 T 20030605; DK 05011657 T 20030605; EP 03740188 A 20030605; EP 05011657 A 20030605; ES 03740188 T 20030605; ES 05011657 T 20030605; HU P0500261 A 20030605; MX PA04012248 A 20030605; PL 37283903 A 20030605; PT 03740188 T 20030605; PT 05011657 T 20030605; RU 2004136290 A 20030605; SI 200331840 T 20030605; SI 200331906 T 20030605; US 51836005 A 20050721; ZA 200410124 A 20041215