

Title (en)

Power door operator

Title (de)

Türantrieb

Title (fr)

Dispositif d'entraînement d'une porte

Publication

**EP 1643065 A3 20061025 (DE)**

Application

**EP 05013184 A 20050618**

Priority

DE 202004015472 U 20041004

Abstract (en)

[origin: EP1643065A2] The drive includes a drive unit (6) arranged on the door frame or door leaf. The leaf is automatically moved by means of the drive unit. The drive unit (6) includes an electric drive motor (8) for opening and/or closing the door. An independent claim is included for a drive unit for a door drive.

IPC 8 full level

**E05F 15/12** (2006.01)

CPC (source: EP)

**E05F 15/619** (2015.01); **E05F 15/622** (2013.01); **E05F 15/627** (2015.01); **E05Y 2201/232** (2013.01); **E05Y 2201/722** (2013.01);  
**E05Y 2201/726** (2013.01); **E05Y 2400/3013** (2024.05); **E05Y 2600/324** (2013.01); **E05Y 2800/205** (2013.01); **E05Y 2800/21** (2013.01);  
**E05Y 2800/244** (2013.01); **E05Y 2900/132** (2013.01)

Citation (search report)

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- [XA] US 2827284 A 19580318 - HEINZ BUNZL HELMUT
- [XA] US 4972629 A 19901127 - MERENDINO PAUL A [US], et al
- [XY] US 5406751 A 19950418 - HANSEN JENS F [DK], et al
- [XA] US 5375374 A 19941227 - ROHRAFF SR HARRY [US]
- [Y] EP 1081324 A2 20010307 - GEZE GMBH [DE]
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Cited by

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WO2017148663A1; EP2381055A2; DE102010018221A1; WO2022215875A1; DE202014010097U1; EP2960414A1

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 MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR LV MK YU

DOCDB simple family (publication)

**DE 202004015472 U1 20041209**; EP 1643065 A2 20060405; EP 1643065 A3 20061025

DOCDB simple family (application)

**DE 202004015472 U 20041004**; EP 05013184 A 20050618