

Title (en)  
Power door operator

Title (de)  
Türantrieb

Title (fr)  
Dispositif d'entraînement d'une porte

Publication  
**EP 1643065 A2 20060405 (DE)**

Application  
**EP 05013184 A 20050618**

Priority  
DE 202004015472 U 20041004

Abstract (en)  
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** (2015.01); **E05F 15/627** (2015.01); **E05Y 2201/232** (2013.01); **E05Y 2201/722** (2013.01); **E05Y 2201/726** (2013.01); **E05Y 2600/324** (2013.01); **E05Y 2800/11** (2013.01); **E05Y 2800/205** (2013.01); **E05Y 2800/21** (2013.01); **E05Y 2800/244** (2013.01); **E05Y 2900/132** (2013.01)

Cited by  
DE102014212351A1; KR20220140276A; DE102014212351B4; EP1762677A2; DE202014008765U1; EP3018280A1; DE202014010097U1; EP2960414A1; EP2381055A2; DE102010018221A1; DE202016001398U1; WO2017148663A1; WO2022215875A1

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