

Title (en)
DOOR DRIVE

Title (de)
TUERANTRIEB

Title (fr)
SYSTEME D'ENTRAINEMENT DE PORTE

Publication
EP 1828516 B2 20160309 (DE)

Application
EP 05806642 A 20051111

Priority
• EP 2005012089 W 20051111
• DE 102004061622 A 20041217

Abstract (en)
[origin: WO2006066661A1] The invention relates to a door drive, consisting of several components, such as mechanical, hydraulic and electric drive units and/or one or more housings (1, 2). According to the invention, the components are interconnected and at least two components are interconnected by means of a plug-in or rotatable coupling (4).

IPC 8 full level
E05F 3/00 (2006.01); **E05F 3/10** (2006.01); **E05F 3/22** (2006.01); **E05F 15/611** (2015.01)

CPC (source: EP US)
E05F 3/00 (2013.01 - EP US); **E05F 3/10** (2013.01 - EP US); **E05F 3/22** (2013.01 - EP US); **E05F 15/611** (2015.01 - EP US);
E05F 3/224 (2013.01 - EP US); **E05Y 2201/41** (2013.01 - EP US); **E05Y 2201/422** (2013.01 - EP US); **E05Y 2201/434** (2013.01 - EP US);
E05Y 2201/726 (2013.01 - EP US); **E05Y 2800/205** (2013.01 - EP US); **E05Y 2900/132** (2013.01 - EP US)

Citation (opposition)
Opponent :
• EP 0328934 B1 19920102
• DE 3840096 A1 19900531 - WIEDERAUFARBEITUNG VON KERNBRE [DE], et al
• DE 10033304 C1 20020905 - CRUEL JOERG [DE]
• DE 10321287 A1 20031127 - LUK LAMELLEN & KUPPLUNGSBAU [DE]
• DE 4201174 A1 19930722 - DOERING ERICH [CH]
• DE 2737666 A1 19790222 - VER BAUBESCHLAG GRETSCH CO

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

DOCDB simple family (publication)
WO 2006066661 A1 20060629; AT E467743 T1 20100515; CN 101080542 A 20071128; CN 104818917 A 20150805;
DE 102004061622 A1 20060706; DE 102004061622 B4 20130718; DE 502005009572 D1 20100624; DK 1828516 T3 20100823;
EP 1828516 A1 20070905; EP 1828516 B1 20100512; EP 1828516 B2 20160309; ES 2345266 T3 20100920; ES 2345266 T5 20160620;
US 2008092446 A1 20080424; US 8393054 B2 20130312

DOCDB simple family (application)
EP 2005012089 W 20051111; AT 05806642 T 20051111; CN 200580043268 A 20051111; CN 201410690712 A 20051111;
DE 102004061622 A 20041217; DE 502005009572 T 20051111; DK 05806642 T 20051111; EP 05806642 A 20051111;
ES 05806642 T 20051111; US 79306805 A 20051111