

Title (en)

Spindle drive for the motorised displacement of a mobile element of a motor vehicle

Title (de)

Spindelantrieb für die motorische Verstellung eines Verstellelements eines Kraftfahrzeugs

Title (fr)

Entraînement par vis sans fin pour le déplacement motorisé d'un élément mobile d'un véhicule automobile

Publication

EP 2397640 A3 20160406 (DE)

Application

EP 11004857 A 20110615

Priority

DE 202010009334 U 20100621

Abstract (en)

[origin: EP2397640A2] The spindle drive (1) has a spindle-sided drive section, a spindle-nut-sided drive section and a spring assembly, which pressurizes the two drive sections in an extended position. A predetermined breaking point is provided in a drive train of the spindle drive, which breaks at predetermined limiting load acting on the spindle drive through a coupling unit (10,11).

IPC 1-7

E05F 15/12

CPC (source: EP US)

E05F 15/622 (2015.01 - EP US); **E05Y 2600/00** (2013.01 - EP US); **E05Y 2800/406** (2013.01 - EP US); **E05Y 2800/424** (2013.01 - EP US); **E05Y 2800/684** (2013.01 - EP US); **E05Y 2900/546** (2013.01 - EP US); **Y10T 74/18576** (2015.01 - EP US)

Citation (search report)

- [YA] EP 1862630 A1 20071205 - BROSE SCHLIESSSYSTEME GMBH [DE]
- [YA] GB 2112450 A 19830720 - STABILUS GMBH, et al
- [AD] DE 202008016615 U1 20100429 - BROSE SCHLIESSSYSTEME GMBH [DE]

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

DE 202010009334 U1 20110922; EP 2397640 A2 20111221; EP 2397640 A3 20160406; US 2012024092 A1 20120202; US 9255436 B2 20160209

DOCDB simple family (application)

DE 202010009334 U 20100621; EP 11004857 A 20110615; US 201113165393 A 20110621