

Title (en)
DOOR CLOSER OR DOOR DRIVE

Title (de)
TÜRSCHLIESSER ODER TÜRANTRIEB

Title (fr)
FERME-PORTE OU ENTRAÎNEMENT DE PORTE

Publication
EP 2591191 B1 20170125 (DE)

Application
EP 11729556 A 20110617

Priority
• DE 102010017787 A 20100707
• EP 2011003007 W 20110617

Abstract (en)
[origin: WO2012003926A1] The invention relates to a door closer or door drive, comprising a housing, which is closed at one end thereof by a cover, a spring mounted in the housing, and a spring tensioning device for the spring. In order to propose a door closer or door drive for which a usable spring tensioning device can be realized despite the narrow hole pattern, the spring tensioning device comprises an adjusting nut (4), which is rotatably mounted on an adjusting screw (5) so that the adjusting screw (5) is supported in a stepped bore of the cover (6) and is accessible from outside through the cover (6).

IPC 8 full level
E05F 3/10 (2006.01)

CPC (source: EP)
E05F 3/10 (2013.01); **E05F 3/104** (2013.01); **E05Y 2201/499** (2024.05); **E05Y 2900/132** (2013.01)

Citation (examination)
US 5913763 A 19990622 - BERAN MARK A [US], et al

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

DOCDB simple family (publication)
DE 102010017787 A1 20120112; CN 102971476 A 20130313; CN 102971476 B 20160413; EP 2591191 A1 20130515;
EP 2591191 B1 20170125; ES 2617953 T3 20170620; SG 185702 A1 20121228; TW 201207216 A 20120216; WO 2012003926 A1 20120112

DOCDB simple family (application)
DE 102010017787 A 20100707; CN 201180029058 A 20110617; EP 11729556 A 20110617; EP 2011003007 W 20110617;
ES 11729556 T 20110617; SG 2012085908 A 20110617; TW 100122369 A 20110627