

Title (en)  
ELECTRIC BRAKE

Title (de)  
ELEKTRISCHE BREMSE

Title (fr)  
FREIN ÉLECTRIQUE

Publication  
**EP 2534390 A2 20121219 (DE)**

Application  
**EP 11717166 A 20110210**

Priority  
• DE 102010038418 A 20100726  
• DE 102010001782 A 20100210  
• DE 2011000126 W 20110210

Abstract (en)  
[origin: WO2011098074A2] The invention relates to a brake, comprising at least one brake actuating element, which is operatively connected to a planetary-roller threaded unit and to an electrical drive in order to move the brake actuating element between a braking position and an axially offset non-braking position of the brake actuating element, wherein the planetary-roller threaded unit has a plurality of threaded roller elements distributed in the circumferential direction, the threaded roller elements being in threaded engagement with a spindle element connected in a rotationally fixed manner to the electrical drive and with a stationary housing, and wherein the threaded roller elements are rotatably arranged about the axes thereof, which are each arranged parallel to an axis of the spindle element, and about the axis of the spindle element, wherein the brake actuating element is coupled only to the spindle element.

IPC 1-7  
**F16D 65/21**

IPC 8 full level  
**F16D 65/18** (2006.01)

CPC (source: EP US)  
**F03D 80/00** (2016.05 - EP); **F16D 65/18** (2013.01 - EP US); **F16D 65/56** (2013.01 - EP US); **F16H 25/2252** (2013.01 - EP US); **F05B 2260/902** (2013.01 - EP US); **F05B 2260/903** (2013.01 - EP US); **F16D 2066/003** (2013.01 - EP US); **F16D 2121/24** (2013.01 - EP US); **F16D 2125/40** (2013.01 - EP US); **F16D 2125/48** (2013.01 - EP US); **F16D 2125/50** (2013.01 - EP US); **Y02E 10/72** (2013.01 - EP US)

Citation (search report)  
See references of WO 2011098074A2

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 102010038418 A1 20110811**; **DE 102010038418 B4 20111124**; CN 103109104 A 20130515; CN 103109104 B 20160504; EP 2534390 A2 20121219; US 2012292140 A1 20121122; WO 2011098074 A2 20110818; WO 2011098074 A3 20130912

DOCDB simple family (application)  
**DE 102010038418 A 20100726**; CN 201180007904 A 20110210; DE 2011000126 W 20110210; EP 11717166 A 20110210; US 201113574638 A 20110210