

Title (en)

Closure element with a device for controlling the movement of the closure element

Title (de)

Schließelement mit einer Vorrichtung zur Steuerung der Bewegung des Schließelements

Title (fr)

Élément de fermeture avec un dispositif pour contrôler le mouvement de l'élément de fermeture

Publication

EP 1970520 B1 20180530 (EN)

Application

EP 08004337 A 20080310

Priority

IT PD20070092 A 20070315

Abstract (en)

[origin: EP1970520A2] This is a device for controlling the movement of a closure element 1, whose spatial motion includes rotation, which by means of an electronic accelerometer 3, 4, joined solidly to said closure element, emits specific signals when its angular position changes, and which being related to the angular position of closure element 1, identifies its spatial positions.

IPC 8 full level

E05F 15/70 (2015.01); **E05D 15/20** (2006.01); **E05D 15/40** (2006.01); **E05F 15/603** (2015.01); **E05D 15/44** (2006.01)

CPC (source: EP)

E05F 15/603 (2015.01); **E05D 15/20** (2013.01); **E05D 15/40** (2013.01); **E05D 15/445** (2013.01); **E05F 15/70** (2015.01); **E05Y 2400/10** (2013.01); **E05Y 2400/326** (2013.01); **E05Y 2400/354** (2013.01); **E05Y 2600/46** (2013.01); **E05Y 2900/106** (2013.01)

Citation (opposition)

Opponent : **BFT S.p.A.**

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- US 5915278 A 19990622 - MALLICK BRIAN C [US]
- US 2004113778 A1 20040617 - SCRIPT MICHAEL H [US], et al
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- US 5402105 A 19950328 - DOYLE MATTHEW P [US], et al
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- EP 1650389 A1 20060426 - DI SAVERIO ENNIO [IT]

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Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 1970520 A2 20080917; **EP 1970520 A3 20131120**; **EP 1970520 B1 20180530**; ES 2684484 T3 20181003; IT PD20070092 A1 20080916

DOCDB simple family (application)

EP 08004337 A 20080310; ES 08004337 T 20080310; IT PD20070092 A 20070315