

Title (en)
Tensioning device

Title (de)
Spannvorrichtung

Title (fr)
Dispositif tendeur

Publication
EP 2439369 A3 20140730 (DE)

Application
EP 11183768 A 20111004

Priority
DE 102010042120 A 20101007

Abstract (en)
[origin: EP2439369A2] The tensioning device (1) has deflection rollers (8), where the tie (7) is guided around the deflection rollers. One of the deflection rollers is displaceably arranged in the guide rail (3) and is supported against an eccentric element (12) mounted in the guide rail. The deflection roller is displaced through the rotation of an eccentric disk of the eccentric element along the extension of the guide rail.

IPC 8 full level
E05F 15/14 (2006.01); **E05F 15/56** (2015.01)

CPC (source: EP)
E05F 15/643 (2015.01); **E05Y 2201/638** (2013.01); **E05Y 2201/668** (2013.01); **E05Y 2201/672** (2013.01); **E05Y 2600/10** (2013.01); **E05Y 2600/20** (2013.01); **E05Y 2600/31** (2013.01)

Citation (search report)

- [XA] DE 19816563 C1 19990729 - PRETTL ROLF [DE]
- [A] DE 202007014675 U1 20090226 - MARANTEC ANTRIEB STEUERUNG [DE]
- [A] DE 202007015808 U1 20090326 - WILLACH GMBH GEB [DE]

Cited by
US2023003070A1; WO2022127964A1; WO2021245188A1

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)
EP 2439369 A2 20120411; EP 2439369 A3 20140730; DE 102010042120 A1 20120412; DE 102010042120 B4 20130103

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