

Title (en)

DEVICE FOR COMPENSATING VARIATIONS IN THE TENSION OF A MATERIAL STRAND BEING FED AND/OR FOR ADJUSTING SAID TENSION

Title (de)

VORRICHTUNG ZUR KOMPENSATION VON ZUGSCHWANKUNGEN UND/ODER ZUR EINSTELLUNG DER ZUGSPANNUNG AN EINEM GEFÖRDERTEN FLEXIBLEN MATERIALSTRANG

Title (fr)

APPAREIL POUR COMPENSER LES VARIATIONS DE TENSION DANS UN CORDON DE MATIÈRE EN MOUVEMENT ET/OU POUR AJUSTER LADITE TENSION

Publication

EP 2424689 A1 20120307 (DE)

Application

EP 10719295 A 20100420

Priority

- EP 2010055221 W 20100420
- DE 102009018914 A 20090428

Abstract (en)

[origin: WO2010124969A1] The invention relates to a device for compensating variations in tension and/or for adjusting tension on a conveyed flexible metal material strand (M), especially a metal strip, having at least one movable dancer roll (2) wound around by the material strand. According to the invention the device is characterized in that the at least one dancer roll (2) can be displaced along a path (4) inclinable to a perpendicular, wherein the inclination angle (f) of the path can be adjusted by means of an adjustment unit.

IPC 8 full level

B21C 47/00 (2006.01); **B65H 23/16** (2006.01)

CPC (source: EP US)

B21C 47/003 (2013.01 - EP US); **B65H 23/16** (2013.01 - EP US); **B65H 23/188** (2013.01 - EP US); **B65H 2511/21** (2013.01 - EP US); **B65H 2701/173** (2013.01 - EP US)

Citation (search report)

See references of WO 2010124969A1

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 MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

DE 202009009097 U1 20091105; CN 102413957 A 20120411; DE 102009018914 A1 20101118; EP 2424689 A1 20120307; EP 2424689 B1 20131120; JP 2012525261 A 20121022; US 2012018564 A1 20120126; WO 2010124969 A1 20101104

DOCDB simple family (application)

DE 202009009097 U 20090701; CN 201080019096 A 20100420; DE 102009018914 A 20090428; EP 10719295 A 20100420; EP 2010055221 W 20100420; JP 2012507680 A 20100420; US 201013257491 A 20100420