

Title (en)

METHOD FOR THE OPERATION OF A COILING DEVICE USED FOR COILING OR UNCOILING A METALLIC STRIP, AND CONTROL DEVICE AND COILING DEVICE THEREFOR

Title (de)

BETRIEBSVERFAHREN FÜR EINE HASPELEINRICHTUNG ZUM AUF- ODER ABHASPELN EINES METALLISCHEN BANDES SOWIE STEUEREINRICHTUNG UND HASPELEINRICHTUNG HIERZU

Title (fr)

PROCÉDÉ D'EXPLOITATION D'UN DISPOSITIF ENROULEUR PERMETTANT D'ENROULER ET DE DÉROULER UNE BANDE MÉTALLIQUE ET DISPOSITIF DE COMMANDE ET DISPOSITIF ENROULEUR UTILISÉS À CETTE FIN

Publication

**EP 2125260 A1 20091202 (DE)**

Application

**EP 08708447 A 20080130**

Priority

- EP 2008051132 W 20080130
- DE 102007005378 A 20070202

Abstract (en)

[origin: US2009314873A1] A coiling device (1) for coiling or uncoiling a strip (2), has at least one coiler (5), an optional drive roll (7) associated with the coiler (5), and a control device (10) for the coiler (5) and the optional drive roll (7). The control device (10) operates the coiling device (1) in such a way that a current strip temperature and/or a current microstructure property of the strip is/are determined by taking measurements or calculating a model, the control device (10) determines a current desired torque value (MH,MR) from the actual value or a variable derived therefrom, and the control device (10) operates the coiler (5) and the optional drive roll (7) by the current desired torque value (MH,MR). The coiling device (1) has the advantage of improving the coiling quality as well as the strip quality in terms of the strip thickness and width.

IPC 8 full level

**B21C 47/00** (2006.01); **B21C 47/02** (2006.01); **B21C 47/16** (2006.01)

CPC (source: EP US)

**B21C 47/003** (2013.01 - EP US); **B21C 47/02** (2013.01 - EP US); **B21C 47/16** (2013.01 - EP US)

Citation (search report)

See references of WO 2008092896A1

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)

**US 2009314873 A1 20091224; US 8713979 B2 20140506**; AT E485899 T1 20101115; BR PI0807342 A2 20140520; CN 101600521 A 20091209; CN 101600521 B 20160106; DE 102007005378 A1 20080807; DE 502008001650 D1 20101209; EP 2125260 A1 20091202; EP 2125260 B1 20101027; PL 2125260 T3 20110429; RU 2009132970 A 20110310; RU 2459677 C2 20120827; WO 2008092896 A1 20080807

DOCDB simple family (application)

**US 52441208 A 20080130**; AT 08708447 T 20080130; BR PI0807342 A 20080130; CN 200880003734 A 20080130; DE 102007005378 A 20070202; DE 502008001650 T 20080130; EP 08708447 A 20080130; EP 2008051132 W 20080130; PL 08708447 T 20080130; RU 2009132970 A 20080130