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

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Application

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Priority

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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

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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)

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