

Title (en)

CONTROL DEVICE FOR ROLLING DEVICE, ROLLING EQUIPMENT, AND METHOD FOR OPERATING ROLLING DEVICE

Title (de)

STEUERUNGSVORRICHTUNG FÜR WALZVORRICHTUNG, WALZAUSRÜSTUNG UND WALZVORRICHTUNGSBETRIEBSVERFAHREN

Title (fr)

DISPOSITIF DE COMMANDE DESTINÉ À UN DISPOSITIF DE LAMINAGE, ÉQUIPEMENT DE LAMINAGE ET PROCÉDÉ DE FONCTIONNEMENT D'UN DISPOSITIF DE LAMINAGE

Publication

EP 3715002 A1 20200930 (EN)

Application

EP 19739502 A 20190129

Priority

JP 2019002884 W 20190129

Abstract (en)

A control device for controlling a rolling device which includes a pair of rolling mill rolls provided to sandwich a metal strip and an unwinding device uncoiling the metal strip at an entrance side of the rolling mill rolls in a traveling direction of the metal strip and which is configured to roll the metal strip by the pair of rolling mill rolls is configured to: after passing a tip part of the metal strip through the pair of rolling mill rolls in a state where a gap between the pair of rolling mill rolls is larger than a strip thickness of the metal strip, press the metal strip by the pair of rolling mill rolls in a state where exit-side tension applied to the metal strip is zero; make entrance-side tension applied to the metal strip by the unwinding device become larger than zero; and start rotation of the pair of rolling mill rolls.

IPC 8 full level

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CPC (source: EP)

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Cited by

EP4257256A4; EP4374984A4

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)

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