

Title (en)
METHOD FOR OPERATING ROLLING MILL DEVICE, CONTROL DEVICE FOR ROLLING MILL DEVICE, AND ROLLING MILL FACILITY

Title (de)
VERFAHREN ZUM BETRIEB EINER WALZVORRICHTUNG, STEUERVORRICHTUNG FÜR WALZVORRICHTUNG UND WALZAUSRÜSTUNG

Title (fr)
PROCÉDÉ DE FONCTIONNEMENT D'UN DISPOSITIF DE LAMINAGE, DISPOSITIF DE COMMANDE POUR DISPOSITIF DE LAMINAGE ET ÉQUIPEMENT DE LAMINAGE

Publication
EP 3974075 B1 20230823 (EN)

Application
EP 20837907 A 20200204

Priority
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Abstract (en)
[origin: EP3974075A1] A method for operating a rolling mill device including a pair of mill rolls disposed on opposite sides of a metal plate includes: a detection step of detecting a plate end position in a plate width direction of the metal plate at a position on an exit side of the pair of mill rolls while rolling the metal plate by the pair of mill rolls in a state where an exit-side tension applied to the metal plate is zero; a first tilting step of performing, when a detection result of the plate end position in the detection step is deviated from a reference position to one side in the plate width direction, a roll tilting control of the pair of mill rolls so that an outgoing direction of the metal plate from the mill rolls is along a conveying direction of the metal plate in the rolling mill device; and a second tilting step of performing a roll tilting control of the pair of mill rolls after the first tilting step so that the outgoing direction of the metal plate from the mill rolls is displaced to the other side in the plate width direction with respect to the conveying direction, and then the outgoing direction of the metal plate returns to the conveying direction.

IPC 8 full level
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