

Title (en)
IMPROVED ROLL MODEL ADAPTATION

Title (de)
VERBESSERTE ADAPTION EINES WALZENMODELLS

Title (fr)
ADAPTATION AMÉLIORÉE D'UN MODÈLE DE CYLINDRE

Publication
EP 3851217 B1 20220713 (DE)

Application
EP 20151947 A 20200115

Priority
EP 20151947 A 20200115

Abstract (en)
[origin: US2021213500A1] A storage device for two rolls in a roll stand is a component part of the roll stand or can be positioned relative to the roll stand in such a way that the rolls can be transferred from the roll stand into the storage device or vice versa. At least one measuring system is provided, by means of which the temperatures and/or the diameters of the rolls can be detected individually and independently of one another, at least at predefined detection positions, as viewed in the direction of the roll axes. After transmission to an automation unit that controls the roll stand, the unit can adapt a roll model, by means of which it repeatedly determines the temperatures and/or the diameters of the rolls, at predefined determination positions, in the direction of the roll axes, using operating data of the roll stand for the rolls of the same type.

IPC 8 full level
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CPC (source: CN EP US)
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