

Title (en)
OPERATING METHOD FOR INTRODUCING A PRODUCT TO BE ROLLED INTO A ROLL STAND OF A ROLL MILL, CONTROL DEVICE, DATA CARRIER, AND ROLL MILL FOR ROLLING A STRIP-TYPE PRODUCT TO BE ROLLED

Title (de)
BETRIEBSVERFAHREN ZUM EINBRINGEN EINES WALZGUTS IN EIN WALZGERÜST EINES WALZWERKS, STEUEREINRICHTUNG, DATENTRÄGER UND WALZWERK ZUM WALZEN EINES BANDFÖRMIGEN WALZGUTES

Title (fr)
PROCÉDÉ D'EXPLOITATION PERMETTANT D'INTRODUIRE UN PRODUIT À LAMINER DANS UNE CAGE D'UN LAMINOIR, DISPOSITIF DE COMMANDE, SUPPORT DE DONNÉES ET LAMINOIR CONÇU POUR LAMINER UN PRODUIT À LAMINER EN FORME DE BANDE

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Abstract (en)
[origin: WO2009049964A1] The invention relates to a roll mill (1) for rolling a product to be rolled (3), especially a metal strip, and an operating method for introducing a product to be rolled (3), especially a metal strip, into a roll stand (2, 2') of a roll mill (1), the roll mill (1) comprising a roll stand (2, 2') provided with working rolls (5, 5') and a control device (6). The product to be rolled (3) has a head part (4) and is moved towards the roll stand (2, 2') at a product head part speed (Ve, Ve'). The working rolls (5, 5') form a rolling gap (G, G'). The control device (6) controls the roll stand (2, 2') such that, before the product head part (4) enters the roll gap (G, G'), the working rolls (5, 5') are rotated at a peripheral speed (Vu, Vu2, Vu2') which is essentially the same as the product head part speed (Ve, Ve'); the roll gap (G, G') is vertically adjusted to essentially a product head part thickness (Dw), on the feeding side, before the product head part (4) enters the roll gap (G, G'); and, during or following the insertion of the product head part (4) into the roll gap (G, G'), said gap is closed to a pre-determined value, and the peripheral speed (Ve, Ve') of the working rolls (5, 5') is modified, especially increased, according to the roll gap (G, G'), essentially at the same time as the closing of the roll gap (G, G').

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