

Title (en)
SYSTEM AND METHOD FOR FLEXIBLY ROLLING METAL STRIP MATERIAL

Title (de)
ANLAGE UND VERFAHREN ZUM FLEXIBLEN WALZEN VON METALLISCHEM BANDMATERIAL

Title (fr)
SYSTÈME ET PROCÉDÉ DE LAMINAGE FLEXIBLE D'UN MATÉRIAU EN BANDE MÉTALLIQUE

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Abstract (en)
[origin: WO2021105447A1] The invention relates to a system for processing metal strip material, comprising: a feeding unit (3) for feeding strip material (4); a strip driving apparatus (5, 5') having at least one controllable traction means drive unit (10, 10') with a support (17) and a motor (13, 13'), a drivable continuous traction means (14, 14') and a pressing unit (11, 11'), wherein the power of the motor (13, 13') and the pressing force (F1, F2, F5, F6) of the pressing unit (11, 11') can be variably controlled; a rolling apparatus (6) for flexible rolling; a measuring apparatus (7, 35, 36) for recording a physical variable (F4, F6, s) of a component acting on the strip material (4); wherein the drive power of the motor (13, 13') can be controlled on the basis of the physical variable (F4, F6, s) determined by the measuring apparatus (7, 35, 36). The invention further relates to a corresponding method for processing strip material.

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