

Title (en)

MILL TRAIN WITH AT LEAST ONE ROLL STAND WITH THREE-PHASE CURRENT DRIVING SYSTEM

Title (de)

WALZSTRASSE MIT ZUMINDEST EINEM WALZGERÜST MIT DREHSTROMANTRIEBSSYSTEM

Title (fr)

TRAIN DE LAMINAGE COMPRENANT AU MOINS UNE CAGE DE LAMINOIR POURVUE D'UN SYSTEME D'ENTRAINEMENT A COURANT TRIPHASE

Publication

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Application

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Priority

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Abstract (en)

[origin: KR20000053345A] PURPOSE: A mill train with at least one roll stand with three-phase current driving system is provided which an output data of a motor can be more freely designed than the existing mill train. CONSTITUTION: A mill train comprises: one roll stand for rolling the stock; one AC motor operatively coupled to the roll stand to drive same; and a controller for controlling the motor, wherein the motor speed is adjustable between a minimum speed (nmin) and a maximum speed (nmax); wherein the ratio of the maximum speed (nmax) to the minimum speed (nmin) lies within the range 2.0 and 8.0; and wherein the motor has a power output between the minimum speed (nmin) and the maximum speed (nmax) that deviates from the continuous output of the motor at the minimum speed.

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