

Title (en)
TREATMENT OF HOT ROLLED PRODUCTS MADE FROM METAL

Title (de)
BEHANDLUNG VON HEISSEM WALZGUT AUS METALL

Title (fr)
TRAITEMENT DE LA MATIÈRE À LAMINER CHAUDE EN MÉTAL

Publication
EP 3626840 A1 20200325 (DE)

Application
EP 18195234 A 20180918

Priority
EP 18195234 A 20180918

Abstract (en)
[origin: WO2020057824A1] The invention relates to hot rolling stock (1) made of metal which is rolled in at least one roll stand (2) and then cooled in a cooling section (5) arranged downstream of the at least one roll stand (2). Sound generated by means of a sound generator arrangement (8) is coupled into the rolling stock (1) by means of a coupling device (1) so that a standing sound wave is formed at least in the region of the rolling stock (1) which is located in the vicinity of the coupling device (10).

Abstract (de)
Heißes Walzgut (1) aus Metall wird in mindestens einem Walzgerüst (2) gewalzt und sodann in einer dem mindestens einen Walzgerüst (2) nachgeordneten Kühlstrecke (5) gekühlt. Mittels einer Schallgeneratoranordnung (8) generierter Schall wird mittels einer Koppeleinrichtung (10) in das Walzgut (1) eingekoppelt, so dass sich zumindest in demjenigen Bereich des Walzguts (1), der sich in der Nähe der Koppeleinrichtung (10) befindet, eine stehende Schallwelle ausbildet.

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Citation (search report)

- [A] DE 1901941 A1 19691016 - FOX IND INC
- [A] US 3592051 A 19710713 - KUBO MORITADA, et al
- [A] JP H04339505 A 19921126 - MITSUBISHI HEAVY IND LTD

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