

Title (en)
METHOD AND DEVICE FOR SECONDARY DESCALING STEEL STRIP WITH LOW PRESSURE WATER JETS

Title (de)
VERFAHREN UND VORRICHTUNG ZUR SEKUNDÄREN ENTZUNDERUNG DER METALLISCHEN BANDFÖRMIGEN BEHANDLUNGSGUT MIT WASSERSPRÜHEN UNTER NIEDRIGEN DRUCK

Title (fr)
PROCÉDE ET EQUIPMENT DE DÉCALAMINAGE SECONDAIRE DES BANDES MÉTALLIQUES PAR PROJECTION D'EAU À BASSE PRESSION HYDRAULIQUE

Publication
EP 2185747 A2 20100519 (FR)

Application
EP 08843858 A 20080820

Priority

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Abstract (en)
[origin: EP2028290A1] The process for secondary descaling steel strips, comprises uncoiling the steel strip while hot rolling the strip, projecting water on the surface of the strips under pressure using spray nozzles, and regulating the nozzles to deliver a water flow on the strip surface similar to the water flow delivered under high pressure. The nozzles are fed with a low hydraulic pressure of 4-10 bars to ensure a thermal effect of water. The secondary descaling is carried out in upstream of a finisher- and reducer enclosure, which are in upstream of a hot strip rolling train. An independent claim is included for an apparatus for secondary descaling the steel strips.

IPC 8 full level
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CPC (source: EP US)
B08B 3/022 (2013.01 - EP US); **C23G 3/023** (2013.01 - EP US); **B21B 45/08** (2013.01 - EP US)

Citation (search report)
See references of WO 2009056712A2

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