

Title (en)

METHOD FOR CLEANING AND/OR DESCALING A SLAB OR A PRELIMINARY STRIP BY MEANS OF A DESCALING DEVICE, AND
DESCALING DEVICE

Title (de)

VERFAHREN ZUR REINIGUNG UND/ODER ENTZUNDERUNG EINER BRAMME ODER EINES VORBANDES MITTELS EINES
ZUNDERWÄSCHERS UND ZUNDERWÄSCHER

Title (fr)

PROCEDE POUR NETTOYER ET/OU DECALAMINER UNE BRAME OU UN PREFEUILLARD AU MOYEN D'UN LAVEUR DE CALAMINE ET
LAVEUR DE CALAMINE

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Application

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Abstract (en)

[origin: WO2014023753A1] The invention relates to a method for cleaning and/or descaling a slab or a preliminary strip (1) by means of a descaling device (2), wherein the descaling device (2) has at least one nozzle (3), through which water under pressure (p) is discharged onto the surface of the slab or of the preliminary strip (1). In the method according to the invention, in order to achieve a good descaling result in an energy-saving manner, the outlet (4) of the nozzle (3) is rectangular, or is slit-shaped and has an arcuate course at least in some sections, in a direction normal (N) to the surface of the slab or of the preliminary strip (1), such that the water is discharged as a continuously strip-shaped jet (5) across the entire width (B) of the slab or of the preliminary strip (1), wherein the width (b) of the outlet (4) of the nozzle (3) in a conveying direction (F) of the slab or of the preliminary strip (1) is selected between 0.2 mm and 1.5 mm, wherein the water is fed to the nozzle (3) at a pressure between 5 bar and 50 bar and wherein the distance (a) between the outlet (4) of the nozzle (3) and the surface of the slab or of the preliminary strip (1) is selected between 8 mm and 50 mm. The invention further relates to a descaling device.

IPC 8 full level

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Citation (search report)

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