

Title (en)

APPARATUS FOR THE CONTINUOUS SURFACE CLEANING OF ROTATIONALLY MOVABLE CASTING ROLLS OF A STRIP-CASTING MACHINE

Title (de)

VORRICHTUNG ZUR KONTINUIERLICHEN OBERFLÄCHENREINIGUNG VON DREHBEWEGLICHEN GIESSROLLEN EINER BANDGIESSMASCHINE

Title (fr)

DISPOSITIF DE NETTOYAGE EN SURFACE EN CONTINU DE ROULEAUX DE COULEE MOBILES EN ROTATION D'UNE MACHINE DE COULEE EN BANDE

Publication

EP 1899092 B1 20130424 (DE)

Application

EP 06828793 A 20060707

Priority

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- CH 11332005 A 20050707

Abstract (en)

[origin: WO2007031135A1] An apparatus serves for the continuous surface cleaning of rotationally movable casting rolls (2, 3) of a strip-casting machine. A plurality of laser beam units (25) are arranged on the circumference of the respective casting roll (2, 3), which laser beam units (25) are arranged next to one another, are distributed over the casting-roll length and by means of which the casting-roll surface (2a, 3a) can be acted upon with one or more laser beams over the entire casting-roll length. Additional cleaning units (30, 31, 35, 45) for the mechanical cleaning of the casting-roll surface are advantageously connected ahead of and/or behind the laser beam units (25). This makes gap-free and regular surface cleaning of the casting rolls possible.

IPC 8 full level

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CPC (source: EP KR US)

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