

Title (en)

APPARATUS FOR HANDLING SLABS FOR GRINDING THE SURFACES OF THE SLABS

Title (de)

VORRICHTUNG ZUM HANDHABEN VON BRAMMEN ZUM SCHLEIFEN DER BRAMMEN-OBERFLÄCHEN

Title (fr)

DISPOSITIF POUR MANIPULER DES BRAMES AUX FINS DE MEULAGE DES SURFACES DE BRAMES

Publication

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Application

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Abstract (en)

[origin: CA2770040A1] The invention relates to a method and an apparatus for handling slabs (2a, 2b), produced in particular by continuous casting, the surfaces of which are ground before they are rolled in a rolling train, wherein the slab, lying on a reversible grinding table (12a, 12b), is moved back and forth under a grinding unit, arranged in a machining cell, of a grinding machine unit (I, II), the grinding table is moved linearly out of the machining cell after the grinding operation has been performed on one surface, the slab is lifted off the grinding table and fed to a turning device, wherein, after turning, the slab is removed from the turning device and, with an unworked, other surface lying uppermost, is brought onto the grinding table, which is then introduced once again into the machining cell for the working of this surface. One aim of the invention is to provide a considerably simpler method and apparatus for handling continuously cast slabs during the grinding thereof, said apparatus having at the same time a much simpler construction. This is achieved by the slab being taken up by a slab manipulator (9), which has a rotatable slab clamping and lifting means (14; 14a, 14b) and with which the clamped slab can be both transported transversely and turned.

IPC 8 full level

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