

Title (en)  
METHOD FOR THE CONTINUOUS ROLLING OF A METAL BAR, PARTICULARLY A STEEL BAR, WHICH IS PRODUCED AT A CASTING SPEED AND THE CROSS SECTION OF WHICH IS CONFIGURED AS A THIN SLAB, AND CORRESPONDING CONTINUOUS CASTING MACHINE

Title (de)  
VERFAHREN ZUM ENDLOSVALZEN EINES IM QUERSCHNITT ALS DÜNNBRAMME BEMESSENEN, MIT GIESSGESCHWINDIGKEIT ERZEUGTEN METALLSTRANGS, INSBESONDERE EINES STAHLSTRANGS, UND ZUGEHÖRIGE STRANGGIESSMASCHINE

Title (fr)  
PROCEDE DE LAMINAGE CONTINU D'UN BOYAU DE METAL, NOTAMMENT D'UN BOYAU D'ACIER, PRODUIT A UNE VITESSE DE COULEE ET DONT LA SECTION EST CELLE D'UNE FINE BRAME, ET MACHINE DE COULEE CONTINUE CORRESPONDANTE

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Application  
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Abstract (en)  
[origin: WO03068425A1] Disclosed are a method and a corresponding continuous casting machine (1) for continuously rolling a metal bar, particularly a steel bar, which is produced at a casting speed and the cross section of which is configured as a thin slab. Said metal bar is bent, dressed, and cut to length as required during cooling and is fed into a first roll stand for rolling once the temperature has been equalized. Optionally the metal bar can still be fed by modifying the casting machine by supporting (3) a vertically cast continuous slab (2) having a guide length that is adjusted to the casting rate. One or several segments of said continuous slab (2) is/are then dressed by bending and straightening, whereupon the continuous slab (2) is guided by a sling (11), which is supported from below, into a straightening driver (6) that is positioned at a distance approximately equivalent to the length of the sling before being cut to length (7).

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