

Title (en)
ENDLESS ROLLING APPARATUS AND METHOD

Title (de)
ENDLOSWALZVORRICHTUNG UND VERFAHREN

Title (fr)
DISPOSITIF ET PROCÉDÉ DE LAMINAGE EN CONTINU

Publication
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Application
EP 16857636 A 20160627

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Abstract (en)
[origin: EP3366380A1] One embodiment of the present invention provides an endless rolling apparatus and method, which have improved cooling conditions for producing advanced high strength steel, and the endless rolling apparatus according to one aspect of the present invention comprises: a continuous casting machine for casting a slab; and a cooling bed having at least one piece of water-cooling equipment and at least one rolling mill continuously connected to the continuous casting machine, wherein, in the cooling bed, an initial position (S) at which the water-cooling equipment is provided so as to manufacture advanced high strength steel through at least one water-cooling is defined by mathematical formula 1 below. Here, H is the thickness (mm) of a slab, V is the casting speed (m/sec) of the slab, h is the product thickness (mm), and t is the target arrival time (sec) until entry into the cooling bed.

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Citation (search report)
• [X] EP 0760397 A1 19970305 - NIPPON STEEL CORP [JP]
• [X] US 5904204 A 19990518 - TERAOKA SHINICHI [JP], et al
• See references of WO 2017069378A1

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