

Title (en)
SYSTEM AND METHOD FOR CASTING AND ROLLING METAL

Title (de)
ANLAGE UND VERFAHREN ZUM GIESSEN UND WALZEN VON METALL

Title (fr)
INSTALLATION ET PROCÉDÉ POUR LA COULÉE ET LE LAMINAGE DE MÉTAL

Publication
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Application
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Priority

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Abstract (en)
[origin: CA2753152A1] The invention essentially relates to a device and a method for casting and rolling metal, wherein at least one first and one second casting line for casting slabs and a rolling train for rolling the casted slabs are provided. The first casting line is designed as a horizontal thin-slab casting system (1) which comprises at least one dispensing vessel (5) for a melt and a conveyor belt (6) running horizontally downstream of the at least one dispensing vessel (5) in the casting direction. The second casting system is likewise designed as a horizontal thin-slab casting system (1) and/or as a vertical thin-slab casting system (2), which comprises at least one mold (4) for vertically casting slabs and a bending and straightening device (7) for bending and straightening the vertically casted slabs into a horizontal position. A rolling train (11) for rolling the casted slabs lies downstream of the at least two casting lines, and the at least two casting lines are designed such that the slabs, each of which is cast using one of the at least two casting lines, can be conveyed to the rolling train (11).

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