

Title (en)
METHOD FOR PRODUCING AN ALUMINUM STRIP AND CASTING-ROLLING SYSTEM FOR PRODUCING AN ALUMINUM STRIP

Title (de)
VERFAHREN ZUR HERSTELLUNG VON ALUMINIUMBAND UND GIEß-WALZANLAGE ZUR HERSTELLUNG VON ALUMINIUMBAND

Title (fr)
PROCÉDÉ DE PRODUCTION D'UNE BANDE D'ALUMINIUM ET SYSTÈME DE COULÉE-LAMINAGE POUR LA PRODUCTION D'UNE BANDE D'ALUMINIUM

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Abstract (en)
[origin: WO2023011790A1] The invention relates to a method for producing an aluminum strip (2) in a coupled casting-rolling process, comprising the method steps: a) melting an aluminum raw material comprising at least one aluminum alloy in at least one melting assembly (4), b) determining the alloy composition of the melt (3), c) casting the melt (3) to form a hot-rolled strip by means of at least one strip-casting machine (6), d) rolling the hot-rolled strip in a rolling system (14) comprising at least one rolling device for shaping the hot-rolled strip for thickness and/or width reduction, and e) regulating and/or controlling at least one shaping parameter of the rolling system (14) as a function of the alloy composition of the melt (3). The invention also relates to a casting-rolling system (1) for carrying out the method.

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