Title (en)
METHOD FOR PRODUCING A METAL

Title (de)
VERFAHREN ZUM HERSTELLEN EINES METALLS

Title (fr)
PROCEDE POUR PRODUIRE UN METAL

Publication
EP 1732716 A1 20061220 (DE)

Application
EP 04725880 A 20040406

Priority
DE 2004000724 W 20040406

Abstract (en)
[origin: WO2005099923A1] During the production of steel, a conversion model (10) is used for the cooling line (5). Said model is used to calculate the phase fractions (Pi), in addition to the temperature (T) of the steel, along the steel strip in real time. A regulating system, which maintains the phase fractions (Pi) of a steel strip that is wound onto a reeling device (12) at a constant level, is implemented. The method comprises the following steps: in a first step, the degree of conversion, for multi-phase steel e.g. the ferrite fraction, is determined from data obtained from the primary data (P) of the steel strip. In a second step, when the strip enters the cooling line (5), one or more parameters of the cooling strategy, i.e. control values (S), are adapted online in such a way that the ferrite content of the cooled steel on the reeling device (12) is maintained at a constant level.

IPC 8 full level
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CPC (source: EP US)
B21B 37/76 (2013.01 - EP US); **C21D 11/005** (2013.01 - EP US); C21D 1/667 (2013.01 - EP US); C21D 9/573 (2013.01 - EP US)

Citation (search report)
See references of WO 2005099923A1

Cited by
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