

Title (en)

METHOD OF OPERATION FOR A COOLING TRACK FOR COOLING A ROLLING PRODUCT, WITH COOLING TO AN END ENTHALPY VALUE UNCOUPLED FROM TEMPERATURE

Title (de)

BETRIEBSVERFAHREN FÜR EINE KÜHLSTRECKE ZUM KÜHLEN EINES WALZGUTS MIT VON DER TEMPERATUR LOSGELÖSTER KÜHLUNG AUF EINEN ENDENTHALPIEWERT

Title (fr)

PROCÉDÉ DE GESTION D'UNE LIGNE DE REFROIDISSEMENT QUI REFROIDIT UN PRODUIT LAMINÉ AVEC REFROIDISSEMENT DÉCLANCHÉ PAR LA TEMPÉRATURE JUSQU'À UNE VALEUR FINALE D'ENTHALPIE

Publication

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Application

EP 09715197 A 20090211

Priority

- EP 2009051530 W 20090211
- DE 102008011303 A 20080227

Abstract (en)

[origin: WO2009106423A1] A control device (8) for a cooling track (1) for cooling a rolling product (5) accepts at least partially characteristic information (TA) for a starting enthalpy value. The control device (8) determines a refrigerant volume progression (K) such that a heat volume corresponding to the difference between the starting enthalpy value (EA) and a prespecified end enthalpy value (EE) is removed from a rolling product segment (12) of the rolling product (5) during the movement of said rolling product through the cooling track (1). The control device (8) determines the refrigerant volume progression (K) independently of whether a prespecified end temperature value (TE) assigned to the end enthalpy value (EE) is reached at the end of application of refrigerant (6) to the rolling product (5). The control device (8) applies refrigerant (6) to the rolling product segment (12) during its passage through the cooling track (1) according to the determined refrigerant volume progression (K).

IPC 8 full level

B21B 37/76 (2006.01); **C21D 11/00** (2006.01)

CPC (source: EP US)

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Cited by

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