

Title (en)

METHOD AND DEVICE FOR DYNAMICALLY SUPPLYING COOLANT TO A COOLING DEVICE FOR COOLING METAL STRIP OR OTHER ROLLED STOCK

Title (de)

VERFAHREN UND VORRICHTUNG ZUR DYNAMISCHEN VERSORGUNG EINER KÜHLEINRICHTUNG ZUM KÜHLEN VON METALLBAND ODER SONSTIGEM WALZGUT MIT KÜHLMITTEL

Title (fr)

PROCÉDÉ ET DISPOSITIF D'ALIMENTATION DYNAMIQUE D'UN APPAREIL DE REFROIDISSEMENT DESTINÉ À REFROIDIR UNE BANDE MÉTALLIQUE OU UN AUTRE PRODUIT LAMINÉ AU MOYEN D'UN RÉFRIGÉRANT

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Application

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Abstract (en)

[origin: WO2014032838A1] The present invention relates to a method for dynamically supplying coolant to a cooling device, in particular at least one spray bar, for cooling metal strip or other rolled stock. According to the method, a pre-accelerated stream of coolant is provided, which passes by the cooling device (1) and is fed into a return (3). Furthermore, the presence and/or the temperature of a metal strip or other rolled stock to be cooled is monitored and, depending on the presence and/or the temperature of the metal strip or the other rolled stock, the stream of coolant is diverted to the cooling device (1), wherein, instead of passing by the cooling device (1) and being fed into a return (3), the stream of coolant is fed to the cooling device (1) for cooling the metal strip or the other rolled stock. The present invention also comprises a corresponding device for carrying out the method.

IPC 8 full level

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