

Title (en)

METHOD AND DEVICE FOR CONVECTIVE HEAT TRANSFER BETWEEN A HEAT TRANSFER MEDIUM AND THE FRONT FACE OF A WOUND METAL STRIP IN THE FORM OF A COIL

Title (de)

VERFAHREN UND VORRICHTUNG ZUR KONVEKTIVEN WÄRMEÜBERTRAGUNG ZWISCHEN EINEM WÄRMEÜBERTRAGUNGSMITTEL UND DER STIRNFLÄCHE EINES GEWICKELTEN METALLBANDES IN FORM EINES COILS

Title (fr)

PROCEDE ET UN DISPOSITIF POUR TRANSMETTRE LA CHALEUR PAR CONVECTION ENTRE UN SUPPORT DE TRANSMISSION THERMIQUE ET LA FACE FRONTALE D'UNE BANDE METALLIQUE ENROULEE EN FORME DE SERPENTIN

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Abstract (en)

[origin: WO03078666A2] The invention relates to a method and a device for convective heat transfer between a heat transfer medium and the front face of a wound metal strip in the form of a coil, said front face being impinged upon by the heat transfer medium by means of at least one nozzle wall. The heat transfer medium can be a gas or a fluid. The device is characterised in that the distance (60) between at least one of the nozzle walls (10; 11) and the front face of the wound metal strip can be adjusted.

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