

Title (en)

DEVICE AND METHOD FOR CONTINUOUS TREATMENT OF A METAL STRIP

Title (de)

VORRICHTUNG UND VERFAHREN ZUR KONTINUIERLICHEN BEHANDLUNG EINES METALLBANDES

Title (fr)

DISPOSITIF ET PROCÉDÉ DE TRAITEMENT EN CONTINU D'UNE BANDE MÉTALLIQUE

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Application

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Abstract (en)

[origin: CA2967082A1] The invention relates to a device for continuous treatment of a metal strip (1), in particular a metal strip consisting of aluminum or an aluminum alloy, or consisting of a non-ferrous metal or a non-ferrous metal alloy, said device comprising at least one temperature control device (2) through which the metal strip (1) is guided in a floating manner, and comprising at least one strip position regulation unit (7), by means of which the position of the metal strip (1) can be controlled or regulated on the belt movement plane (E) and transversely to the strip running direction (B), wherein the temperature control device (2) has at least one entry-side heating section (3) and an exit-side cooling section (4). The invention is characterised in that the strip position regulation unit (7) that works in a contactless manner has at least one contactless strip position detection element (12) and at least one linear motor (13) and is arranged within the heating section (3) or between the heating section (3) and the cooling section (4).

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