Title (en)
DEVICE FOR COOLING PLATE- OR WEB-LIKE SHEET METAL, AND HEAT TREATMENT METHOD

Title (de)
EINRICHTUNG ZUM KÜHLEN VON PLATTEN- ODER BAHNFÖRMIGEM BLECH AUS METALL UND VERFAHREN ZUR WÄRMEBEHANDLUNG

Title (fr)
DISPOSITIF DE REFROIDISSEMENT D'UNE TÔLE MÉTALLIQUE EN FORME DE PLAQUE OU DE BANDE ET PROCÉDÉ DE TRAITEMENT THERMIQUE

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Abstract (en)
[origin: WO2015113832A1] The invention relates to a device for cooling plate- or web-like sheet metal, comprising: transport means for continuously transporting the sheet metal in a through-flow direction; a cooling zone in which at least one outlet pipe extends both over and under the sheet metal, in a transverse direction in relation to the through-flow direction, wherein the outlet pipe has at least one outlet opening, and wherein the outlet pipe is connected to a cooling medium supply via control means. The invention also relates to a method for heat treating plate- or web-like sheet metal. According to the invention, in the cooling-off zone (2), at least two outlet pipes (3a - 3c) are arranged both above and below the sheet metal (4), the outlet openings (5a - 5c) of which outlet pipes are each different sizes. By selectively supplying at least one outlet pipe (3a – 3c) with cooling medium, the sheet metal or the band (4) is cooled-off at different cooling-off speeds and/or cooling-off intensities.

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