

Title (en)
COOLING DEVICE FOR COOLING A METAL STRIP

Title (de)
KÜHLVORRICHTUNG ZUM KÜHLEN EINES METALLBANDES

Title (fr)
DISPOSITIF DE REFROIDISSEMENT POUR LE REFROIDISSEMENT D'UN FEUILLARD MÉTALLIQUE

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Application
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Abstract (en)
[origin: CA2683560A1] The invention relates to a cooling device (100) for cooling a metal strip (200) following reshaping in a cold rolling stand (200) having at least one nozzle (112) for spraying a cooling medium (400) onto the surface of the metal strip (200). In order to make such known cooling devices more effective and more efficient, the invention proposes providing a plate (500) which, in an operational position, is arranged parallel to the surface of the metal strip (200) at the outlet of the cold rolling stand (300), and proposes arranging the nozzle in the operation position in such a way that the cooling medium is sprayed at an acute spray angle α into a cavity between the surface of the metal strip and the opposite plate with a spray direction (R) counter to the running direction (L) of the metal strip.

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