

Title (en)
COOLING OF A PRODUCT WHICH IS TO BE ROLLED

Title (de)
KÜHLUNG EINES WALZGUTS

Title (fr)
REFROIDISSEMENT D'UN LAMINÉ

Publication
EP 3395463 B1 20191225 (DE)

Application
EP 17168241 A 20170426

Priority
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Abstract (en)
[origin: WO2018197100A2] The invention relates to a chilled beam (1) for cooling rolled material (5), moved in a transport direction (3) and in particular for reducing temperature differences in the temperature of the rolled material (5) transversely to the direction of transport (3). The chilled beam (1) comprises several full jet nozzles (11) by means of which a coolant beam of a coolant with an approximately constant jet diameter can be distributed to the rolling stock (5) in the direction of distribution (15). The invention relates to a cooling device (35) comprising at least two chilled beams (1) of said type.

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Citation (opposition)
Opponent : SMS group GmbH
• EP 0099213 A1 19840125 - KAWASAKI STEEL CO [JP]
• US 6062056 A 20000516 - GROCH ANDRZEJ G [US]
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