

Title (en)
APPARATUS FOR QUENCHING MOLTEN METAL OR AN ALLOY ON A BELT

Publication
EP 0084335 B1 19850814 (FR)

Application
EP 83100114 A 19830108

Priority
FR 8200664 A 19820118

Abstract (en)
[origin: EP0084335A2] 1. Apparatus for the hypertempering of a metal or a metal alloy comprising a belt (1), driven at high speed, means (4, 5) for throwing the said metal or said alloy in the liquid state in the direction of this belt (1) and means (12) for spraying a cooling liquid in the direction of the belt (1), this apparatus being characterised in that the said spray means (12) are directed towards the face of the belt (1) opposite that onto which the metal or alloy is thrown in the liquid state and that it also comprises, in the vicinity of the region where the spraying is carried out, a box (11) able to produce a cushion of gas with a Coanda effect, and downstream of the said spray means (12), means (13, 14, 16) for the discharge of the excess sprayed liquid, the said box (11) extending at least as far as the region of the said discharge means (13, 14, 16).

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B22D 11/06

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Cited by
US5601139A; US6102102A

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EP 0084335 A2 19830727; EP 0084335 A3 19830803; EP 0084335 B1 19850814; BR 8300206 A 19831011; DE 3360531 D1 19850919; ES 519037 A0 19831016; ES 8308734 A1 19831016; FR 2519891 A1 19830722; FR 2519891 B1 19841026; JP H0353060 B2 19910813; JP S58123833 A 19830723

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