

Title (en)

REGULATING PROCESS FOR THE SECONDARY COOLING OF A CONTINUOUS-CASTING MACHINE

Publication

**EP 0116496 B1 19870603 (FR)**

Application

**EP 84400162 A 19840125**

Priority

FR 8301404 A 19830128

Abstract (en)

[origin: ES8500104A1] In regulating the flow of cooling water sprayed upon a metallurgical product such as a steel slab in a machine for the continuous casting of such products which then undergo a straightening operation, the present, past and future speeds of the product are taken into account so as to compensate a projected change in the temperature of the product in the straightening stage, due to a planned or expected modification of the cooling conditions. These conditions are established by a regulating system responsive to changes in the speed of the product the anticipated temperature change is compensated by substituting for the true speed, as a controlling parameter, a fictitious speed lying between the true speed and an advance image of an anticipated speed change whose effects upon the temperature are to be neutralized.

IPC 1-7

**B22D 11/16**

IPC 8 full level

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CPC (source: EP US)

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**EP 0116496 A1 19840822**; **EP 0116496 B1 19870603**; AT E27560 T1 19870615; AU 2364084 A 19840802; AU 569486 B2 19880204; CA 1219729 A 19870331; DE 3464018 D1 19870709; ES 529239 A0 19841001; ES 8500104 A1 19841001; FR 2540016 A1 19840803; FR 2540016 B1 19850607; JP S59141356 A 19840814; US 4562880 A 19860107; ZA 84511 B 19840926

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