

Title (en)

Method and apparatus for controlling the cooling of molds for the controlled-pressure casting of metals.

Title (de)

Verfahren und Einrichtung zum Überwachen der Formkühlung für das gesteuerte Druckgiessen von Metallen.

Title (fr)

Procédé et appareil pour contrôler le refroidissement de moules pour la coulée contrôlée sous pression de métaux.

Publication

EP 0286977 A2 19881019 (EN)

Application

EP 88105531 A 19880407

Priority

IT 1246387 A 19870415

Abstract (en)

The invention relates to a method of controlling the cooling of the inner surfaces of the molds (8-8) used for the pressure-casting of metals, wherein, after the removal of a casting and the cleaning of said surfaces, the step of detecting the temperatures of said inner surfaces, is followed by a cooling step carried out by means of water sprays (4), each one of which cools a portion of said surfaces, so that at a given moment, after the said second step having been carried out, the entire surface is at the same optimum temperature to permit the coating or lining thereof, the amount of water to be sprayed being established automatically by a central electronic unit (7).

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IPC 8 full level

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Cited by

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