

Title (en)

PROCESS AND DEVICE FOR AUTOMATING A DRYING CYCLE WITH AIR CIRCULATION FOR DRYING SAND MOULDS

Publication

**EP 0030059 B1 19840912 (FR)**

Application

**EP 80201113 A 19801119**

Priority

FR 7929227 A 19791128

Abstract (en)

[origin: ES8202705A1] A process and apparatus for automating a hot-air baking cycle of sand molds. Such process and apparatus make it possible to regulate the hot-air baking or drying speed in a sand mold during a baking cycle. This regulation can be accomplished before casting, and in particular, before low-pressure casting. The process includes dividing the cycle into characteristic phases associated with particular baking parameters. The apparatus includes a calculator assembly for obtaining baking parameters. The invention can be used for the baking of foundry molds, and particularly, foundry molds for aeronautical parts.

IPC 1-7

**B22C 9/12**

IPC 8 full level

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