

Title (en)

METHOD FOR THE MANUFACTURE OF CORES FOR METAL CASTING PROCESSES

Title (de)

VERFAHREN ZUR HERSTELLUNG VON KERNEN FÜR GIESSVERFAHREN VON METALL

Title (fr)

PROCEDE DE FABRICATION DE NOYAUX DESTINES A DES PROCESSUS DE FONTE DE METAUX

Publication

**EP 0973623 B1 20020116 (EN)**

Application

**EP 98903132 A 19980204**

Priority

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- GB 9800351 W 19980204

Abstract (en)

[origin: WO9836859A1] In a method for the manufacture of sand cores for metal casting processes by the urethane Cold Box Process gaseous trimethylamine is conducted through parts of a metering device (3) and then, in a concentration of from 0.01 to 0.12 wt.% based on the quantity of sand used per core into a core shooting machine (4) where it is brought into contact with the sand, and prior to the introduction of the gaseous trimethylamine into the core shooting machine (4) a purging gas is introduced, the relationship between the trimethylamine and the purging gas being such that for a quantity T of trimethylamine the quantity L of purging gas used is in the ratio of T:L of from 1:1000 to 1:10000.

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