

Title (en)

Sealant mass for casting ladle nozzle using a sliding gate and method for its manufacturing.

Title (de)

Kuppelbildende Schieberfüllmasse für Giesspfannen.

Title (fr)

Masse de bouchage pour le trou de coulée d'une poche de coulée à obturateur coulissant et procédé pour sa fabrication.

Publication

EP 0428964 B1 19950906 (DE)

Application

EP 90121557 A 19901110

Priority

DE 3938050 A 19891116

Abstract (en)

[origin: EP0428964A2] The invention relates to a dome-forming sliding gate-sealant mass such as is used for protecting the closing gate of the outlet opening of casting ladles. It has been found that the flowability of a sliding gate-sealant mass based on quartz sand and chromium ore sand can be improved if carbon in the form of a carbon black of defined fine particle size distribution is added thereto. Improved flowability ensures that the sealant mass clears the casting opening without hindrance when the sliding casting gate is opened.

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IPC 8 full level

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EP 90121557 A 19901110; DE 3938050 A 19891116; DE 59009622 T 19901110; US 59509690 A 19901010; ZA 903331 A 19900502