

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.

IPC 1-7

**B22D 41/46**

IPC 8 full level

**B22D 41/46** (2006.01)

CPC (source: EP US)

**B22D 41/46** (2013.01 - EP US)

Cited by

DE10128699B4

Designated contracting state (EPC)

BE DE FR LU NL

DOCDB simple family (publication)

**EP 0428964 A2 19910529; EP 0428964 A3 19911002; EP 0428964 B1 19950906;** DE 3938050 A1 19910523; DE 59009622 D1 19951012; US 5124285 A 19920623; ZA 903331 B 19910227

DOCDB simple family (application)

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