

Title (en)
GRANULATED MATERIAL, AND PRODUCTION METHOD OF SAME, AS ADDITIVE FOR IMPROVING PROPERTIES OF FOUNDRY MOLDING SANDS

Publication
EP 0032881 B1 19840328 (EN)

Application
EP 81830010 A 19810121

Priority
IT 932380 A 19800121

Abstract (en)
[origin: EP0032881A1] The invention refers to a granulated material for preparation of foundry molding sand, to be added to them to improve their composition, reduce pollution and handling problems, which consists of a refractory framework in the form of granules the size of which ranges from 0.1 to 0.4 mm and an external coating on said refractory framework which in turn consists of a fit material for providing lustrous carbon. The refractory framework is formed by a zircon sand, chamotte, chromite, olivine, sillimenite, mullite or mixtures thereof, with a free silice content not greater than 3 %. The invention also relates to a hot-process and a cold-process for production of said granulated material.

IPC 1-7
B22C 1/00; **B22C 1/02**; **B22C 1/04**

IPC 8 full level
B22C 1/00 (2006.01); **B22C 1/02** (2006.01); **B22C 1/04** (2006.01)

CPC (source: EP)
B22C 1/00 (2013.01); **B22C 1/02** (2013.01)

Citation (examination)

- DE 2638042 A1 19770324 - FISCHER AG GEORG
- DE 1920224 B2 19750612
- DE 1952357 A1 19710429 - RAVENSBERGER EISENHUETTE
- DE 2716168 A1 19771027 - NYNAES PETROLEUM AB, et al
- DE 2313649 A1 19741003 - BUDERUS EISENWERK
- DE 1458104 B1 - VER ZUR FOERDERUNG DER GIESSER
- DE 2317218 A1 19741017 - HEINZE GERALD

Cited by
DE3246324A1; FR2541263A1; CN104646595A; FR2709690A1; US7281570B2; WO2004110670A3

Designated contracting state (EPC)
AT BE CH DE FR GB LI LU NL SE

DOCDB simple family (publication)
EP 0032881 A1 19810729; **EP 0032881 B1 19840328**; AT E6835 T1 19840415; DE 3162845 D1 19840503; IT 1209745 B 19890830; IT 8009323 A0 19800121

DOCDB simple family (application)
EP 81830010 A 19810121; AT 81830010 T 19810121; DE 3162845 T 19810121; IT 932380 A 19800121