

Title (en)

Granulated material, and production method of same, as additive for improving properties of foundry molding sands.

Title (de)

Granuliertes Zusatzmaterial für die Verbesserung von Giessereiformsand und dessen Herstellungsverfahren.

Title (fr)

Matériau d'addition granulé pour améliorer les sables de moulage de fonderie et son procédé de fabrication.

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Application

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Priority

IT 932380 A 19800121

Abstract (en)

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, silliminite, 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.

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CPC (source: EP)

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Cited by

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