

Title (en)

Granulated powder for continuous casting of metals and his manufacturing method

Title (de)

Isolierende Granulate für Metallstranggiessen und deren Herstellungsverfahren

Title (fr)

Poudre de couverture pour la coulée continue de métaux et sa méthode d'élaboration

Publication

EP 1602425 A1 20051207 (DE)

Application

EP 05011589 A 20050530

Priority

DE 102004026443 A 20040529

Abstract (en)

Granulate as an insulating or separation means for high temperature applications containing Si dioxide obtained from amorphous Si dioxide powder containing at least 90% SiO₂ by granulation with addition of water and drying. An independent claim is included for a method of obtaining the granulate by mixing SiO₂ with water in solid to water ratio 1:0.25-1:1.5, and granulation and drying of the granulate, where the SiO₂ powder contains at least 90% amorphous SiO₂.

Abstract (de)

Die vorliegende Erfindung betrifft Granulate als Isolier- oder Trennmittel für Hochtemperaturanwendungen, die aus Siliziumdioxidpulver mit einem Gehalt von mindestens 90% amorphem SiO₂ durch Granulierung, insbesondere durch Pelletierung unter Zugabe von Wasser und anschließende Trocknung erhältlich sind, sowie ein Verfahren zu ihrer Herstellung.

IPC 1-7

B22D 11/111

IPC 8 full level

B22D 11/111 (2006.01)

CPC (source: EP)

B22D 11/111 (2013.01)

Citation (search report)

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