

Title (en)

METHOD OF REINFORCING LOW MELTING TEMPERATURE CAST METAL PARTS

Title (de)

VERFAHREN ZUR VERSTÄRKUNG VON GUSSMETALLTEILEN MIT NIEDRIGER SCHMELZTEMPERATUR

Title (fr)

PROCÉDÉ DE RENFORCEMENT DE PIÈCES MÉTALLIQUES COULÉES À BASSE TEMPÉRATURE DE FUSION

Publication

EP 2111315 A1 20091028 (EN)

Application

EP 08712937 A 20080103

Priority

- US 2008000027 W 20080103
- US 65230507 A 20070111

Abstract (en)

[origin: WO2008085820A1] A method of reinforcing a low melting temperature cast metal part comprising preparing a molten metal material having a melting temperature, mixing a reinforcing material having a melting temperature greater than the melting temperature of the molten metal material into the molten metal material, pouring the molten metal material into the mold, applying a force to the reinforcing material causing the reinforcing material to occupy a predetermined portion of the mold and thereby a predetermined portion of the cast metal part, and solidifying the molten metal material.

IPC 8 full level

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CPC (source: EP KR US)

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Citation (search report)

See references of WO 2008085820A1

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