

Title (en)

Removing lost foam pattern coating residue from a casting

Title (de)

Entfernung von Rückständen des verlorenen Giessmodells von einem Gussstück

Title (fr)

Elimination de residus d'un modèle perdu d'une pièce de coulée

Publication

**EP 1060814 A1 20001220 (EN)**

Application

**EP 99121791 A 19991103**

Priority

US 33585199 A 19990614

Abstract (en)

In the lost foam casting of aluminum, coating a fugitive pattern with a refractory coating containing a thermally stable, water-insoluble, acid-gasifiable (e.g. CaCO<sub>3</sub>) compound, and contacting the casting, with the coating thereon, with an acid to dissociate and gasify the compound and rupture the coating. Preferably, any thermal degradation products from the pattern residing in the coating are neutralized to promote wetting of the coating.

IPC 1-7

**B22C 3/00**; **B22C 7/02**; **B22D 29/00**; **B22D 31/00**

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

[A] EP 0899038 A1 19990303 - GEN MOTORS CORP [US]

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