

Title (en)
Vibratory decoring machine

Title (de)
Vibrations-Entkernungsmaschine

Title (fr)
Dispositif de débouillage de pièces coulées par vibration

Publication
EP 1040884 A1 20001004 (EN)

Application
EP 99830191 A 19990402

Priority
EP 99830191 A 19990402

Abstract (en)
A machine (1) for shaking out foundry castings (G) comprises a structure (2) for supporting the castings (G) to be shaken out and vibrator means (8a, 8b) for selectively producing the vibration in the support structure (2). First and second vibrator means (8a, 8b) are provided and can be operated selectively (13, 21) in at least one first operating condition, in which the vibrator means (8a, 8b) operate in phase opposition so that the support structure (2) remains substantially stationary, and one second operating condition, in which the vibrator means (8a, 8b) operate in phase coincidence so that the support structure (2) is subjected to vibration. <IMAGE>

IPC 1-7
B22D 29/00; **B24B 31/06**

IPC 8 full level
B22D 29/00 (2006.01); **B24B 31/06** (2006.01)

CPC (source: EP)
B22D 29/005 (2013.01); **B24B 31/06** (2013.01)

Citation (search report)
• [A] US 4718473 A 19880112 - MUSSCHOOT ALBERT [US]
• [A] FR 2730436 A1 19960814 - PEUGEOT [FR]
• [DA] EP 0111461 A1 19840620 - FATALUMINIUM SPA [IT]

Cited by
AT517385A1; AT517385B1; FR2850305A1; CN113135400A; FR2954195A1; CN109382502A

Designated contracting state (EPC)
CH DE FR GB IT LI

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