Title (en)

Method for removing sand from castings

Title (de)

Verfahren zum Entsanden von Gussstücken

Title (fr)

Procédé pour dessabler des pièces moulées

Publication

EP 0992323 A2 20000412 (DE)

Application

EP 99118749 A 19990923

Priority

DE 19845899 A 19981006

Abstract (en)

The compressed air-sand mixture is bunched to form at least one cutting jet, which is applied directly to the sand mold. The cutting jet can be point-form, linear to strip-shaped with the jet and the cast piece (9) moving relatively to each other. Several cutting jets are applied simultaneously to the surface of the sand mold. Where multiple compartment molds are used with cast pieces embedded spaced apart in the mold sand the cutting jets are directed to the intermediate spaces between the cast pieces.

Abstract (de)

Zum Entsanden von in Formsand abgegossenen Gußstücken mittels wenigstens eines auf die Sandform wirkenden Fluid-Druckimpulses wird das Fluid zu wenigstens einem Schneidstrahl gebündelt und diesen unmittelbar an der Sandform zur Wirkung gebracht wird. <IMAGE>

IPC 1-7 (main, further and additional classification)

B24C 1/00; B24C 3/32

IPC 8 full level (invention and additional information)

B22D 29/00 (2006.01); **B24C 1/00** (2006.01); **B24C 3/32** (2006.01)

CPC (invention and additional information)

B24C 1/00 (2013.01); **B24C 3/32** (2013.01)

Cited by

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Designated contracting state (EPC)

DE FR

EPO simple patent family

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INPADOC legal status

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- Designated State(s) : DE FR

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- Kind Code of Ref Document : A3
- Designated State(s) : AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

2002-11-27 [AX] REQUEST FOR EXTENSION OF THE EUROPEAN PATENT TO:
- Free text : AL;LT;LV;MK;RO;SI

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2000-04-12 [AX] REQUEST FOR EXTENSION OF THE EUROPEAN PATENT TO:
- Free text : AL;LT;LV;MK;RO;SI