

Title (en)
Method of reforming surface of cast product

Title (de)
Verfahren zum Verbessern der Oberfläche eines Gusswerkstückes

Title (fr)
Procédé pour améliorer la surface d'un objet coulée

Publication
EP 0768133 A3 19981111 (EN)

Application
EP 96307172 A 19961001

Priority
• JP 28935595 A 19951009
• JP 16984296 A 19960628

Abstract (en)
[origin: EP0768133A2] An intermediate material is formed by coating at least a half of the surface of a function selecting material having at least one of physical property values that are different from those of a casting metal material forming a cast product with a coating metal material and the casting metal material is cast together with the intermediate material to form a composite body in casting the product.

IPC 1-7
B22D 19/08

IPC 8 full level
B22D 19/08 (2006.01); **C22C 1/10** (2006.01)

CPC (source: EP KR)
B22D 17/00 (2013.01 - KR); **B22D 19/08** (2013.01 - EP); **C22C 1/1036** (2013.01 - EP); **C22C 1/1042** (2013.01 - EP)

Citation (search report)
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• [X] US 5184662 A 19930209 - QUICK NATHANIEL R [US], et al
• [XY] PATENT ABSTRACTS OF JAPAN vol. 014, no. 057 (C - 0684) 2 February 1990 (1990-02-02)
• [X] PATENT ABSTRACTS OF JAPAN vol. 006, no. 257 (C - 140) 16 December 1982 (1982-12-16)
• [Y] PATENT ABSTRACTS OF JAPAN vol. 015, no. 021 (M - 1070) 17 January 1991 (1991-01-17)
• [X] PATENT ABSTRACTS OF JAPAN vol. 018, no. 538 (M - 1686) 13 October 1994 (1994-10-13)
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• [X] DATABASE WPI Section Ch Week 7433, Derwent World Patents Index; Class M14, AN 74-59130V, XP002077503
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• [DA] PATENT ABSTRACTS OF JAPAN vol. 095, no. 008 29 September 1995 (1995-09-29)

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