

Title (en)

Method to produce abrasion resistant surfaces

Title (de)

Verfahren zur Herstellung verschleissfester Oberflächenschichten

Title (fr)

Procédé pour la fabrication des surfaces résistantes à l'abrasion

Publication

**EP 0554682 B1 19961218 (DE)**

Application

**EP 93100454 A 19930114**

Priority

US 82290492 A 19920121

Abstract (en)

[origin: EP0554682A1] A description is given of a process for impregnating or embedding hard, wear-resistant phases in surface layers of metal products made by casting liquid metal. Said process is intended to permit "mechanical" adhesion of the wear-resistant layer on the cast surface. It is proposed to produce a wear-resistant layer in the form of a thin disc or plate, on the one surface of which at least one protruding pin or anchor adheres. The disc or plate is fixed on a surface of the mould before casting the metal. <IMAGE>

IPC 1-7

**B22F 7/00**; **B22D 19/08**

IPC 8 full level

**B22D 19/00** (2006.01); **B22D 19/08** (2006.01); **C22C 1/10** (2006.01)

CPC (source: EP US)

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Cited by

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**EP 0554682 A1 19930811**; **EP 0554682 B1 19961218**; CA 2086868 A1 19930722; CA 2086868 C 19980721; DE 59304769 D1 19970130; JP H05261515 A 19931012; JP H0798262 B2 19951025; MX 9300127 A 19930701; US 5267600 A 19931207; US 5383513 A 19950124; US 5443916 A 19950822

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