

Title (en)
METHOD FOR OBTAINING COATINGS ON PARTS.

Title (de)
VERFAHREN ZUR BESCHICHTUNG VON TEILEN.

Title (fr)
PROCEDE POUR L'ENROBAGE DES PIECES.

Publication
EP 0304488 A4 19890926 (DE)

Application
EP 87903473 A 19870311

Priority
SU 8700028 W 19870311

Abstract (en)
[origin: WO8807094A1] A method for obtaining coatings on parts provides for applying to the surface of a part (1) a material of the coating (2). The part (1) with the coating (2) is then inserted in a refractory material (4) which is consolidated for securing the part (1) and in which the melting of the coating (2) is effected. Then the part (1) is kept under that melting temperature until an intermediate diffusion zone between the materials of the coating (2) and of the part (1) is obtained. The cooling is effected inside the refractory material (4) until crystallization of the material of the coating (2).

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C23C 4/14; **C23C 4/18**

IPC 8 full level
C23C 4/04 (2006.01); **C23C 4/12** (2006.01); **C23C 4/18** (2006.01); **C23C 26/02** (2006.01)

CPC (source: EP)
C23C 4/18 (2013.01); **C23C 26/02** (2013.01)

Citation (search report)

- [A] EP 0092959 A2 19831102 - EXXON RESEARCH ENGINEERING CO [US]
- [A] WO 8602868 A1 19860522 - MICRA LTD [GB]
- [A] US 2991195 A 19610704 - QUINN ROSS A
- [A] FR 2209854 A1 19740705 - SKF IND TRADING & DEV [NL]
- [A] EP 0034408 A1 19810826 - PERMELEC ELECTRODE LTD [JP]
- See references of WO 8807094A1

Cited by
DE19520149B4; DE19520149A1

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI NL SE

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