

Title (en)

Method for the production of mechanical parts provided with a wear- and/or corrosion-resistant coating.

Title (de)

Verfahren zur Herstellung von mechanischen Teilen mit verschleiss- und/oder korrosionsfester Beschichtung.

Title (fr)

Procédé pour la fabrication de pièces mécaniques pourvues d'un revêtement résistant à l'abrasion et à l'érosion.

Publication

EP 0305746 A1 19890308 (EN)

Application

EP 88112432 A 19880801

Priority

IT 6775487 A 19870903

Abstract (en)

A method for the production of mechanical parts (18) provided with a wear-resistant coating (16 min) involves the formation, by the cold compression of powders, of a green which, after a possible pre-sintering stage, is provided with a coating applied hot, and is subsequently subjected to sintering in order to obtain a mechanical part (18) having a wear- and/or corrosion-resistant coating (16 min) which is not subject to internal stresses.

IPC 1-7

B22F 3/12; **C23C 4/18**

IPC 8 full level

B22F 3/12 (2006.01); **C23C 4/18** (2006.01)

CPC (source: EP)

B22F 3/1266 (2013.01); **C23C 4/18** (2013.01)

Citation (search report)

- [X] FR 2350404 A1 19771202 - MASCHF AUGSBURG NUERNBERG AG [DE]
- [X] US 4339271 A 19820713 - ISAKSSON SVEN-ERIK, et al
- [X] PATENT ABSTRACTS OF JAPAN, vol. 10, no. 362 (C-389)[2419], 4th December 1986; & JP-A-61 159 566 (DAIDO STEEL CO., LTD) 19-07-1986

Cited by

WO9923272A1; WO9119583A1

Designated contracting state (EPC)

DE ES FR GB SE

DOCDB simple family (publication)

EP 0305746 A1 19890308; **EP 0305746 B1 19931013**; DE 3884894 D1 19931118; DE 3884894 T2 19940210; ES 2045035 T3 19940116; IT 1211284 B 19891012; IT 8767754 A0 19870903

DOCDB simple family (application)

EP 88112432 A 19880801; DE 3884894 T 19880801; ES 88112432 T 19880801; IT 6775487 A 19870903