

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

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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

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WO9923272A1; WO9119583A1

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**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

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