

Title (en)

DEVICE FOR COATING HOLLOW WORKPIECES BY GAS DIFFUSION.

Title (de)

VORRICHTUNG ZUM GASDIFFUSIONS BESCHICHTEN VON HOHLEN WERKSTÜCKEN.

Title (fr)

DISPOSITIF POUR LE REVETEMENT DE PIECES CREUSES PAR DIFFUSION GAZEUSE.

Publication

EP 0556208 B1 19950405 (DE)

Application

EP 91918473 A 19911029

Priority

- DE 4035789 A 19901110
- EP 9102039 W 19911029

Abstract (en)

[origin: DE4035789C1] The invention concerns a device for coating, using gas diffusion, hollow workpieces, made of heat-resistant alloys of metals such as Ni, Co and Fe, whose outer and inner surfaces are linked to each other by bores. The workpieces are disposed in a container located in a processing chamber (the latter is already known in the art). Workpiece holders are mounted at a low geodesic level with respect to a donor-metal body. The donor-metal body is made of granulated, sintered or solid metal and completely surrounds the outer surface of each workpiece, leaving only a slit. The device is particularly suitable for coating the inner and outer surfaces of power unit blades having cooling-air channels.

IPC 1-7

C23C 10/06

IPC 8 full level

C23C 10/06 (2006.01); **C23C 14/24** (2006.01)

CPC (source: EP US)

C23C 10/06 (2013.01 - EP US)

Designated contracting state (EPC)

CH FR GB IT LI

DOCDB simple family (publication)

DE 4035789 C1 19910613; EP 0556208 A1 19930825; EP 0556208 B1 19950405; JP H06504321 A 19940519; US 5439525 A 19950808; WO 9208821 A1 19920529

DOCDB simple family (application)

DE 4035789 A 19901110; EP 9102039 W 19911029; EP 91918473 A 19911029; JP 51766191 A 19911029; US 5027193 A 19930507