

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

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Application

**EP 91918473 A 19911029**

Priority

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- 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.

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**C23C 10/06**

IPC 8 full level

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