

Title (en)

Process for the treatment of titanium or titanium alloy parts.

Title (de)

Verfahren zur Behandlung von Teilen aus Titan oder Titanlegierungen

Title (fr)

Procédé de traitement d'une pièce en titane ou alliage de titane et pièce obtenue.

Publication

**EP 1743952 B1 20150826 (FR)**

Application

**EP 06290963 A 20060613**

Priority

FR 0507542 A 20050713

Abstract (en)

[origin: EP1743952A1] Surface treatment of parts made of titanium or titanium alloy comprises placing the parts in a container in a treatment vessel containing a gas comprising nitrogen and 1-99% hydrogen or inert gas e.g. argon, heating the parts, generating activated chemical species by activating the gas outside the container, introducing the activated species into the container through an opening small enough to prevent plasma ignition inside the container, contacting the surface of the parts with the activated species for a treatment time and allowing the parts to cool.

IPC 8 full level

**C23C 8/36** (2006.01)

CPC (source: EP)

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Cited by

CN108866474A; CN112243464A

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DOCDB simple family (publication)

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