

Title (en)

Surface treatment of titanium articles.

Title (de)

Oberflächenbehandlung von Titangegenständen.

Title (fr)

Traitement de surface d'objets de titanium.

Publication

**EP 0244253 A1 19871104 (EN)**

Application

**EP 87303900 A 19870430**

Priority

JP 10053086 A 19860430

Abstract (en)

There is disclosed a titanium or titanium alloy article at least part of the surface of which comprises a surface treatment oxide covering produced by direct oxidation of the titanium or titanium alloy of the surface, the said surface treatment oxide covering comprising a hard titanium oxide outer layer as a wear surface. This process is especially suitable for treating those surfaces of engine parts, for example valves, valve retainers and connecting rods, that are either in contact or in sliding contact with other engine parts.

IPC 1-7

**C23C 14/08**; **C23C 16/40**; **B32B 15/04**

IPC 8 full level

**C23C 8/16** (2006.01); **C23C 8/10** (2006.01)

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**C23C 8/10** (2013.01)

Citation (search report)

- EP 0146284 A1 19850626 - SONY CORP [JP]
- DD 226018 A1 19850814 - ARDENNE MANFRED [DD]
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