

Title (en)
SURFACE TREATMENT OF TITANIUM ARTICLES

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EP 0244253 B1 19910123 (EN)

Application
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Priority
JP 10053086 A 19860430

Abstract (en)
[origin: EP0244253A1] 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.

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IPC 8 full level
C23C 8/16 (2006.01); **C23C 8/10** (2006.01)

CPC (source: EP)
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Cited by
KR100786359B1; GB2211211B; EP0533128A1; EP2246582A3; EP0605444A4; EP1174593A3; GB2458518A; GB2458518B; EP0719874A1; EP0905271A4; US6833197B1; US8479704B2; WO9904055A1; US6210807B1; WO9802595A1

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