

Title (en)

Component, especially piston and process for manufacturing a highly resistant surface on a component, especially on a piston

Title (de)

Bauteil, insbesondere Kolben sowie Verfahren zur Herstellung einer hochbelastbaren Oberfläche auf einem Bauteil, insbesondere auf einem Kolben

Title (fr)

Composant, notamment le piston et procédé de fabrication d'une surface extrêmement résistante sur un composant, notamment sur un piston

Publication

EP 1528127 A3 20080903 (DE)

Application

EP 04025342 A 20041025

Priority

DE 10350190 A 20031028

Abstract (en)

[origin: EP1528127A2] Component comprises a basic material (10), a rip-stop layer (12) having a thickness of at least 3 μm and a partially anodized aluminum layer (14). An independent claim is also included for a process for the production of a surface on a component.

IPC 8 full level

C25D 11/04 (2006.01); **C23C 28/00** (2006.01); **F02F 3/10** (2006.01)

CPC (source: EP)

C23C 28/021 (2013.01); **C23C 28/023** (2013.01); **C23C 28/321** (2013.01); **C23C 28/322** (2013.01); **C23C 28/345** (2013.01); **C23C 28/347** (2013.01); **C25D 11/04** (2013.01); **F02F 3/12** (2013.01)

Citation (search report)

- [DX] DE 19960646 A1 20010705 - FED MOGUL DEUTSCHLAND GMBH [DE]
- [XY] DE 10118763 A1 20021017 - UNIV SCHILLER JENA [DE]
- [YA] EP 0362535 A1 19900411 - NIPPON KOKAN KK [JP]
- [X] CH 355999 A 19610731 - VER LEICHTMETALLWERKE GMBH [DE]
- [A] DE 3438666 A1 19850530 - MONDIAL PISTON DOTT ERCOLE GAL [IT]

Cited by

DE102006039679A1; DE102006039679B4

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL HR LT LV MK

DOCDB simple family (publication)

EP 1528127 A2 20050504; **EP 1528127 A3 20080903**; DE 10350190 A1 20050616; DE 10350190 B4 20051110

DOCDB simple family (application)

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