

Title (en)

CERAMIC-COATED LIGHT-METAL PISTON FOR INTERNAL COMBUSTION ENGINES

Title (de)

KERAMISIERTER LEICHTMETALLKOLBEN FÜR VERBRENNUNGSMOTOREN

Title (fr)

PISTON EN METAL LEGER CERAMISE POUR MOTEURS A COMBUSTION INTERNE

Publication

**EP 0839271 B1 19981216 (DE)**

Application

**EP 96914053 A 19960508**

Priority

- DE 9600797 W 19960508
- DE 19516815 A 19950508

Abstract (en)

[origin: WO9635868A1] A light-metal piston for internal combustion engines, the surface of which is entirely or partly coated with an oxide ceramic conversion layer.

IPC 1-7

**F02F 3/12**; **F02F 7/00**

IPC 8 full level

**F02F 3/10** (2006.01); **F02F 3/12** (2006.01); **F02F 7/00** (2006.01)

CPC (source: EP)

**F02F 3/10** (2013.01); **F02F 3/12** (2013.01); **F02F 7/0087** (2013.01); **F05C 2201/021** (2013.01)

Cited by

DE10320979B4; EP1657326B2

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**WO 9635868 A1 19961114**; AT E174662 T1 19990115; AU 5758896 A 19961129; DE 19516815 A1 19961114; DE 19680303 D2 19970821; DE 29680358 U1 19980212; DE 59601018 D1 19990128; EP 0839271 A1 19980506; EP 0839271 B1 19981216; ES 2127637 T3 19990416

DOCDB simple family (application)

**DE 9600797 W 19960508**; AT 96914053 T 19960508; AU 5758896 A 19960508; DE 19516815 A 19950508; DE 19680303 T 19960508; DE 29680358 U 19960508; DE 59601018 T 19960508; EP 96914053 A 19960508; ES 96914053 T 19960508