

Title (en)

MULTIPART COOLED PISTON FOR AN INTERNAL COMBUSTION ENGINE

Title (de)

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Title (fr)

PISTON REFROIDI A PLUSIEURS PARTIES POUR UN MOTEUR A COMBUSTION INTERNE

Publication

EP 1583896 A1 20051012 (DE)

Application

EP 03770881 A 20030924

Priority

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- DE 10257022 A 20021206

Abstract (en)

[origin: US6729291B1] A multipart cooled piston for an internal combustion engine comprises an upper part and a lower part of the piston. The two parts are screwed together via a threaded bolt that is arranged on the upper part of the piston, and a threaded bore that is drilled into the lower part of the piston. The threaded bore is arranged in an area of the lower part of the piston that is thin-walled to such a degree that it is deformed like a plate spring as the two parts of the piston are screwed together, so that no other safety means such as a lock nut are required for securing the assembled piston.

IPC 1-7

F02F 3/00

IPC 8 full level

F02F 3/00 (2006.01); **F02F 3/22** (2006.01)

CPC (source: EP KR US)

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