

Title (en)
PISTON FOR AN INTERNAL COMBUSTION ENGINE

Title (de)
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Title (fr)
PISTON D'UN MOTEUR A COMBUSTION INTERNE

Publication
EP 1200725 B1 20030326 (DE)

Application
EP 00951450 A 20000726

Priority
• DE 19935399 A 19990730
• EP 0007171 W 20000726

Abstract (en)
[origin: DE19935399A1] The invention relates to a piston for an internal combustion engine with an annular cooling channel that consists of a left and a right cooling channel half and that comprises a first and a second opening. Cooling oil is feed as a free oil jet to the first opening by means of a coolant nozzle, so that it can be fed to the cooling channel and discharged through the second opening. A rib-shaped element extends in a radial direction of the bottom surface of the cooling channel in the area of the inlet opening. The position of said rib-shaped element with respect to the center of the inlet opening depends on the orientation of the coolant nozzle in such a manner that the flow of coolant is fed to the left and right cooling channel half in equal portions.

IPC 1-7
F02F 3/22

IPC 8 full level
F02F 3/22 (2006.01)

CPC (source: EP)
F02F 3/22 (2013.01)

Designated contracting state (EPC)
DE ES FR GB IT

DOCDB simple family (publication)
DE 19935399 A1 20010201; DE 50001569 D1 20030430; EP 1200725 A1 20020502; EP 1200725 B1 20030326; PL 350764 A1 20030127; WO 0109503 A1 20010208

DOCDB simple family (application)
DE 19935399 A 19990730; DE 50001569 T 20000726; EP 0007171 W 20000726; EP 00951450 A 20000726; PL 35076400 A 20000726