

Title (en)

Piston cooling for an internal combustion engine

Title (de)

Kolbenkühlung für Brennkraftmaschinen

Title (fr)

Refroidissement de piston pour un moteur de combustion interne

Publication

EP 1156198 B1 20060628 (DE)

Application

EP 01106078 A 20010313

Priority

DE 10024207 A 20000517

Abstract (en)

[origin: EP1156198A2] The engine crank casing (1) has oil pressure bores (2a,2b) to lubricate the bearing surface (8) through bores (3b,3c) and additional longitudinal bores (4) and radial bores (5,7) to divert oil directly to the underside of the piston (9).

IPC 8 full level

F01M 1/06 (2006.01); **F01P 3/08** (2006.01); **F01M 1/08** (2006.01); **F02F 7/00** (2006.01)

CPC (source: EP US)

F01P 3/08 (2013.01 - EP US)

Cited by

US7264022B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 1156198 A2 20011121; **EP 1156198 A3 20030219**; **EP 1156198 B1 20060628**; AT E331877 T1 20060715; DE 10024207 A1 20020124; DE 50110310 D1 20060810; JP 2002021558 A 20020123; US 2001042526 A1 20011122; US 6532912 B2 20030318

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EP 01106078 A 20010313; AT 01106078 T 20010313; DE 10024207 A 20000517; DE 50110310 T 20010313; JP 2001147600 A 20010517; US 86116201 A 20010517