

Title (en)

INTERNAL-COMBUSTION ENGINE WITH AT LEAST ONE LIQUID-COOLED CYLINDER

Publication

EP 0206033 A3 19880302 (DE)

Application

EP 86107651 A 19860605

Priority

DE 3521792 A 19850619

Abstract (en)

[origin: EP0206033A2] The invention relates to an internal-combustion engine with at least one liquid-cooled cylinder, a cooling space being provided between the cylinder and an external housing, which is filled in the direction of the cylinder axis with a fluid-permeable (especially oil-permeable), highly heat-conductive material. The material increases the heat-emitting surface of the cylinder, as a result of which it can more easily emit excess heat to the cooling fluid. <IMAGE>

IPC 1-7

F01P 3/02; **F02F 1/10**

IPC 8 full level

F01P 3/02 (2006.01); **F02F 1/10** (2006.01)

CPC (source: EP)

F01P 3/02 (2013.01); **F02F 1/10** (2013.01)

Citation (search report)

- DE 409617 C 19250207 - GEN ELECTRIC CO LTD, et al
- US 4108241 A 19780822 - FORTINI ANTHONY, et al
- GB 2131457 A 19840620 - CEGEDUR, et al
- US 2417448 A 19470318 - ANTOINE ROUY AUGUSTE LOUIS MAR
- GB 1124076 A 19680821 - OLIN MATHIESON
- US 3595310 A 19710727 - BURNE FREDERICK A, et al
- US 1657843 A 19280131 - CHARLES REINEKE
- FR 2398886 A1 19790223 - KLOECKNER HUMBOLDT DEUTZ AG [DE]
- GB 2007762 A 19790523 - DAIMLER BENZ AG
- DE 3118498 A1 19820616 - CUMMINS ENGINE CO INC [US]

Cited by

EP1628120A1; DE10044770B4

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 0206033 A2 19861230; **EP 0206033 A3 19880302**; DE 3521792 A1 19870102

DOCDB simple family (application)

EP 86107651 A 19860605; DE 3521792 A 19850619