

Title (en)

INTERNAL-COMBUSTION ENGINE WITH AT LEAST ONE LIQUID COOLED CYLINDER

Publication

EP 0206124 B1 19900307 (DE)

Application

EP 86107982 A 19860611

Priority

DE 3521790 A 19850619

Abstract (en)

[origin: EP0206124A2] 1. An internal combustion engine having at least one oil-cooled cylinder (2') and a cylinder tube (2) inserted into the crank-case and resting thereon, a cooling chamber (8) being provided between the cylinder tube (2) and an outer housing (4), through which chamber oil is conveyed in the operation of the internal combustion engine and which chamber comprises an oil inflow (5) and an oil outflow (6), characterised in that at least a part of the cylinder tube (2) is provided with a cooling plate (3) formed as a heat transmission element which is laid upon the cylinder tube surface, which has no channels, ribs or grooves arranged on the cylinder tube (2), and is firmly connected with the cylinder tube surface by soldering or equivalently-acting technological methods.

IPC 1-7

F01P 3/02; **F02F 1/14**

IPC 8 full level

F01P 3/02 (2006.01); **F01P 9/00** (2006.01); **F02F 1/14** (2006.01)

CPC (source: EP)

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Cited by

EP1428997A1; US7028763B2; WO2004053308A1

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EP 0206124 A2 19861230; **EP 0206124 A3 19870819**; **EP 0206124 B1 19900307**; DE 3521790 A1 19870102; DE 3669350 D1 19900412

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