

Title (en)

Cylinder-crankcase.

Title (de)

Zylinder-Kurbelgehäuse.

Title (fr)

Bâtiment cylindres-vilebrequin.

Publication

**EP 0457051 B1 19931229 (DE)**

Application

**EP 91106274 A 19910419**

Priority

DE 4015409 A 19900514

Abstract (en)

[origin: EP0457051A1] The invention relates to a cylinder crankcase (10) of a liquid-cooled reciprocating piston internal combustion engine with cylinders (12) arranged in a V-shape, which are surrounded by cooling ducts (22), a transverse duct (20) which connects the cooling ducts (22) of the rows of cylinders (12) to one another and which has a duct section running downwards, by way of which the coolant can be drained off, being provided in order to achieve more even cooling and to facilitate a favourable draining-off of the coolant on the flywheel-side end face of the cylinder crankcase. <IMAGE>

IPC 1-7

**F02F 7/00**

IPC 8 full level

**F02F 7/00** (2006.01); **F02B 75/22** (2006.01)

CPC (source: EP)

**F02F 7/0012** (2013.01); **F02F 7/007** (2013.01); **F02F 7/0073** (2013.01); **F02B 75/22** (2013.01)

Cited by

DE19628400C1; DE10249174B4; EP0732484A1

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

**DE 4015409 C1 19910613**; DE 59100764 D1 19940210; EP 0457051 A1 19911121; EP 0457051 B1 19931229; ES 2047966 T3 19940301

DOCDB simple family (application)

**DE 4015409 A 19900514**; DE 59100764 T 19910419; EP 91106274 A 19910419; ES 91106274 T 19910419