

Title (en)

Arrangement of a lubrication pump of an internal combustion engine

Title (de)

Schmierpumpenanordnung einer Brennkraftmaschine

Title (fr)

Agencement d'une pompe à huile de lubrification d'un moteur à combustion

Publication

EP 0597743 B1 19960911 (FR)

Application

EP 93402550 A 19931015

Priority

FR 9213620 A 19921112

Abstract (en)

[origin: EP0597743A1] The invention proposes an arrangement of the type in which the pump (20) is arranged in line with one of the intermediate bearings of the crankshaft of the engine, the body (22) of the pump being fixed under the lower face of the cylinder block, characterised in that the means for driving the pump are produced in the form of a drive module (38) comprising a single support (mount) (40) fixed under the lower face of the cylinder block and which includes an emerging bore (52) in which there is rotationally mounted the drive shaft (56), the first end (58) of which receives a drive wheel (60), and the second end (64) of which includes a device (66) for coupling to the drive spindle (32) of the pump (20), the single support (40) including a delivery pipe which connects the delivery orifice (34) of the pump (20) to an orifice formed in the lower face of the cylinder block. <IMAGE>

IPC 1-7

F01M 1/02

IPC 8 full level

F01M 1/02 (2006.01)

CPC (source: EP)

F01M 1/02 (2013.01)

Designated contracting state (EPC)

DE GB IT

DOCDB simple family (publication)

EP 0597743 A1 19940518; EP 0597743 B1 19960911; DE 69304655 D1 19961017; DE 69304655 T2 19970123; FR 2697896 A1 19940513; FR 2697896 B1 19950217

DOCDB simple family (application)

EP 93402550 A 19931015; DE 69304655 T 19931015; FR 9213620 A 19921112