

Title (en)

Cylinder block for vehicle engines.

Title (de)

Zylinderblock für Kraftfahrzeugmotoren.

Title (fr)

Bloc-cylindre pour moteurs des véhicules.

Publication

**EP 0473006 A1 19920304 (DE)**

Application

**EP 91113626 A 19910814**

Priority

DE 4027242 A 19900829

Abstract (en)

The invention relates to a cylinder block (1) for motor vehicle engines with crankshaft bearings and an oil sump each of which are detachably fixed to it. The characteristic of the invention is that a tank of sound-insulated material accommodating the crankshaft bearings and forming the oil sump and the side longitudinal walls of the crank casing is detachably fixed on the cylinder block (1). <IMAGE>

Abstract (de)

Die Erfindung betrifft einen Zylinderblock (1) für Kraftfahrzeugmotoren mit jeweils lösbar daran angebrachten Kurbelwellenlagern und Ölwanne. Kennzeichen der Erfindung ist, daß an dem Zylinderblock (1) eine die Kurbelwellenlager aufnehmende, die Seitenlängswände des Kurbelgehäuses und die Ölwanne bildende Wanne aus schallgedämmten Material lösbar befestigt ist. <IMAGE>

IPC 1-7

**F02B 77/13; F02F 7/00**

IPC 8 full level

**F02F 7/00** (2006.01); **F01M 11/00** (2006.01)

CPC (source: EP)

**F02F 7/0053** (2013.01); **F02F 7/008** (2013.01); **F01M 2011/0054** (2013.01); **F02F 2001/104** (2013.01); **F02F 2007/0056** (2013.01)

Citation (search report)

- [X] DE 2839885 A1 19790426 - NISSAN MOTOR
- [A] DE 3020818 A1 19801204 - NISSAN MOTOR
- [A] DE 8915051 U1 19900215
- [A] US 4338889 A 19820713 - KIRCHWEGER KARL, et al
- [A] DE 524880 C 19310515 - MARC BIRKIGT

Cited by

US6135081A; GB2350864A; EP2108796A1; FR2929646A1; US5501189A; WO9733084A1; WO9407017A1

Designated contracting state (EPC)

AT BE DE ES FR GB IT NL SE

DOCDB simple family (publication)

**EP 0473006 A1 19920304**; DE 4027242 A1 19920305; FI 914059 A0 19910828; FI 914059 A 19920301

DOCDB simple family (application)

**EP 91113626 A 19910814**; DE 4027242 A 19900829; FI 914059 A 19910828