

Title (en)
Crank case for an internal combustion engine

Title (de)
Zylinderkurbelgehäuse einer Brennkraftmaschine

Title (fr)
Bâtiment d'un moteur à combustion interne

Publication
EP 1176301 A2 20020130 (DE)

Application
EP 01113698 A 20010621

Priority
DE 10036130 A 20000725

Abstract (en)
The cylinder crankcase of an internal combustion engine has a charge air compressor support (22) constructed as an exhaust gas turbocharger and formed in one piece with the crankcase. The charge air compressor support is constructed on the crankcase in a center region on the transition from a crankcase section (18) to cylinder block section (14). The support has a flange section (24) for attachment of the turbocharger. An Independent claim is included for an internal combustion engine, especially for a motor vehicle and preferably with an exhaust gas turbocharger.

Abstract (de)
Die Erfindung betrifft ein Zylinderkurbelgehäuse (10) einer Brennkraftmaschine, insbesondere eines Kraftfahrzeuges, mit einem Abgasturbolader und einer Abgasturboladerstütze zum Haltern des Abgasturboladers am Kurbelgehäuse (10). Hierbei ist die Abgasturboladerstütze (22) einstückig mit dem Kurbelgehäuse (10) ausgebildet. <IMAGE>

IPC 1-7
F02F 7/00

IPC 8 full level
F01M 11/02 (2006.01)

CPC (source: EP)
F01M 11/02 (2013.01)

Citation (applicant)
• JP H09242549 A 19970916 - YANMAR DIESEL ENGINE CO
• JP H09236019 A 19970909 - YANMAR DIESEL ENGINE CO

Cited by
DE102006048504A1; CN108266283A; EP1445448A1; EP1428999A1; US6915634B2; EP1591637A3; EP2076658A2; EP1591637A2; US7165402B2

Designated contracting state (EPC)
DE ES FR GB IT

DOCDB simple family (publication)
EP 1176301 A2 20020130; EP 1176301 A3 20030122; EP 1176301 B1 20061115; DE 10036130 A1 20020207; DE 50111441 D1 20061228

DOCDB simple family (application)
EP 01113698 A 20010621; DE 10036130 A 20000725; DE 50111441 T 20010621