

Title (en)

COVER PLATE FOR A CRANKCASE

Title (de)

ABDECKPLATTE FÜR EIN KURBELGEHÄUSE

Title (fr)

PLAQUE DE RECOUVREMENT POUR CARTER DE VILEBREQUIN

Publication

**EP 1299633 B1 20060830 (DE)**

Application

**EP 01949459 A 20010703**

Priority

- DE 10033416 A 20000708
- EP 0107577 W 20010703

Abstract (en)

[origin: DE10033416C1] The crankcase (1) has a crankcase chamber (9) and an additional chamber (5) for heat exchangers (6) and pumps (7). The cover plate (2) extends over the complete crankcase. Heat exchangers, pumps, and filters are mounted on the plate, which has channels for cooling water and lubricant, and two suction points for the pumps. The cover plate with components mounted on it, is fitted into the crankcase in one stage.

IPC 8 full level

**F02F 7/00** (2006.01); **F01M 11/02** (2006.01); **F02B 67/00** (2006.01); **F02B 75/22** (2006.01); **F02B 77/14** (2006.01); **F01M 11/00** (2006.01)

CPC (source: EP KR US)

**F01M 11/02** (2013.01 - EP US); **F02B 75/22** (2013.01 - EP US); **F02F 7/00** (2013.01 - EP KR US); **F01M 2011/0058** (2013.01 - EP US); **F01M 2011/0066** (2013.01 - EP US); **F01M 2011/0079** (2013.01 - EP US)

Citation (examination)

US 3991735 A 19761116 - HORSTMANN BERNHARD

Cited by

DE102007014546B4; DE102007014546A1

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

**DE 10033416 C1 20010621**; DE 50110888 D1 20061012; EP 1299633 A1 20030409; EP 1299633 B1 20060830; KR 100734650 B1 20070702; KR 20030036596 A 20030509; US 2003000495 A1 20030102; US 6817335 B2 20041116; WO 0204802 A1 20020117

DOCDB simple family (application)

**DE 10033416 A 20000708**; DE 50110888 T 20010703; EP 0107577 W 20010703; EP 01949459 A 20010703; KR 20037000266 A 20030108; US 16915502 A 20020628