

Title (en)

Device for guiding lubricant in an internal combustion engine.

Title (de)

Vorrichtung zum Führen von Schmieröl in einer Brennkraftmaschine.

Title (fr)

Dispositif de guidage de lubrifiant dans un moteur à combustion interne.

Publication

EP 0634566 A1 19950118 (DE)

Application

EP 94108067 A 19940526

Priority

DE 4323220 A 19930712

Abstract (en)

[origin: DE4323220C1] An internal combustion engine with an intermediate shaft running parallel to the crankshaft has a pan arranged between the shafts, which carries lubricating oil shed by the crankgear into an oil sump. The said pan has projecting struts which surround the intermediate shaft so that the latter is protected against the ingress of lubricating oil from the crankgear. As a result, this oil passes into an oil reservoir largely without foaming.

Abstract (de)

Eine Brennkraftmaschine mit einer parallel zur Kurbelwelle (1) verlaufenden Zwischenwelle (2) weist eine zwischen den Wellen angeordnete Schale (8) auf, welche vom Kurbeltrieb abgegebenes Schmieröl in eine Ölwanne führt. Diese Schale (8) weist abragende Streben (11,12) auf, welche die Zwischenwelle (2) so umschließen, daß diese gegen den Zutritt von Schmieröl des Kurbeltriebes gesichert ist. Dieses gelangt dadurch weitgehend unverschäumt in einen Ölbehälter. <IMAGE>

IPC 1-7

F01M 11/00

IPC 8 full level

F01M 1/06 (2006.01); **F01M 11/00** (2006.01); **F02B 75/22** (2006.01); **F02B 75/24** (2006.01); **F02F 7/00** (2006.01); **F02B 75/18** (2006.01)

CPC (source: EP KR US)

F01M 1/00 (2013.01 - KR); **F01M 11/00** (2013.01 - EP US); **F02B 75/22** (2013.01 - EP US); **F02B 75/246** (2013.01 - EP US); **F02F 7/0007** (2013.01 - EP US); **F01M 11/0004** (2013.01 - EP US); **F02B 2075/1824** (2013.01 - EP US)

Citation (search report)

- [A] AT 333548 B 19761125 - LIST HANS [AT], et al
- [AD] DE 4204522 C1 19930415
- [A] PATENT ABSTRACTS OF JAPAN vol. 8, no. 158 (M - 311) 21 July 1984 (1984-07-21)

Cited by

EP0903474A1; US8302577B2; DE102008060412B4

Designated contracting state (EPC)

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DE 4323220 C1 19940922; DE 59400581 D1 19961010; EP 0634566 A1 19950118; EP 0634566 B1 19960904; JP 3409923 B2 20030526; JP H07150922 A 19950613; KR 100352417 B1 20021211; KR 960014600 A 19960522; US 5467843 A 19951121

DOCDB simple family (application)

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