

Title (en)
Internal combustion engine

Title (de)
Brennkraftmaschine

Title (fr)
Moteur à combustion interne

Publication
EP 0940574 A3 20000510 (DE)

Application
EP 99101707 A 19990209

Priority
DE 19809411 A 19980305

Abstract (en)
[origin: EP0940574A2] In the internal combustion motor, with a crankcase (10) and oil sump (16) and cylinder head (12), an inner wall (30) separates the interior (20) of the crankcase (10) from a channel linking the oil sump (16) with the cylinder head (12). The structure forms two channels (28,29) on opposite sides of the crankcase (10). A section (36) of the wall (30), away from the oil sump (16), can be broken away to give a connecting window between the crankcase (10) and the channels (28,29). The crankcase (10) can be produced by LostFoam (RTM) molding or by gravity die-casting.

IPC 1-7
F02F 7/00; F01M 13/02; F01M 13/00; F01M 13/04

IPC 8 full level
F01M 11/02 (2006.01); **F01M 13/00** (2006.01); **F01M 13/02** (2006.01); **F01M 13/04** (2006.01); **F02F 7/00** (2006.01)

CPC (source: EP)
F01M 11/02 (2013.01); **F02F 7/00** (2013.01); **F02F 2200/06** (2013.01)

Citation (search report)

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- [DA] EP 0600341 A1 19940608 - OPEL ADAM AG [DE]
- [DA] DE 4033844 A1 19910425 - NISSAN MOTOR [JP]
- [A] PATENT ABSTRACTS OF JAPAN vol. 011, no. 039 (M - 559) 5 February 1987 (1987-02-05)

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EP 0940574 A2 19990908; **EP 0940574 A3 20000510**; **EP 0940574 B1 20040428**; DE 19809411 A1 19990916; DE 59909278 D1 20040603

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