

Title (en)
Internal combustion engine with anti-foaming device

Title (de)
Brennkraftmaschine mit Anti-Schaumvorrichtung

Title (fr)
Moteur à combustion interne comportant un dispositif anti-barbotage

Publication
EP 0942155 A1 19990915 (FR)

Application
EP 99400616 A 19990312

Priority
FR 9803107 A 19980313

Abstract (en)
The engine incorporates a cylinder block (1) containing a crankshaft linked to pistons by connecting rods. There is a sump housing (3) and an anti-splash screen (6) to prevent the oil in the sump from contacting the crankshaft and connecting rods. The screen is held in place by a series of lugs (10) clamped between the lower edge of the cylinder block and the corresponding upper edge of the sump housing. The lugs fit into a groove in the sump housing seal (5), and recesses in the screen are shaped to engage with the crankshaft bearing (12) caps.

Abstract (fr)
Moteur à combustion interne du type comportant un carter-cylindres (1) à l'intérieur duquel est logé un vilebrequin relié à des pistons par des bielles, un carter d'huile 3 et des moyens formant écran anti-barbotage (6) pour empêcher la nappe d'huile contenue dans le carter d'huile de venir au contact du vilebrequin et des bielles, caractérisé en ce que lesdits moyens formant écran (6) sont immobilisés en position simplement par pincement d'une pluralité de pattes de maintien (10) entre le bord inférieur (2) du carter-cylindres (1) et le bord (4) correspondant du carter d'huile (3). <IMAGE>

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F01M 11/00; **F01M 11/06**

IPC 8 full level
F01M 11/00 (2006.01); **F01M 11/06** (2006.01)

CPC (source: EP)
F01M 11/0004 (2013.01); **F01M 11/064** (2013.01); **F01M 2011/005** (2013.01); **F01M 2011/0054** (2013.01)

Citation (search report)

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- [A] DE 3840792 A1 19900607 - DAIMLER BENZ AG [DE]
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