

Title (en)
OIL MODULE FOR AN INTERNAL COMBUSTION ENGINE

Title (de)
ÖLMODUL FÜR EINE BRENNKRAFTMASCHINE

Title (fr)
MODULE A HUILE DESTINE A UN MOTEUR A COMBUSTION INTERNE

Publication
EP 1664659 A2 20060607 (DE)

Application
EP 04765448 A 20040921

Priority

- EP 2004010572 W 20040921
- DE 20314687 U 20030923

Abstract (en)
[origin: US2007068737A1] An oil module for an internal combustion engine, comprising a carrier element that can be flanged onto an engine block of the internal combustion engine and carries at least one oil filter and an oil cooler. The oil module is provided with channels for guiding oil and water, one of the channels being an oil cooler bypass channel connecting an oil inlet of the oil cooler to an oil outlet of the oil cooler. At least a main part of the oil cooler bypass channel extends through an oil cooler base plate occluding the oil cooler on the carrier element side, or through an intermediate plate arranged between the oil cooler and the carrier element in a sealing manner.

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F28F 27/02; F01M 11/03

IPC 8 full level
F01M 11/03 (2006.01); **F28F 27/02** (2006.01)

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