

Title (en)  
OIL MODULE WITH WATER PUMP AND HEAT EXCHANGER

Title (de)  
ÖLMODUL MIT WASSERPUMPE UND WÄRMETAUSCHER

Title (fr)  
MODULE HUILE AVEC POMPE A EAU ET ECHANGEUR DE CHALEUR

Publication  
**EP 1774152 A1 20070418 (DE)**

Application  
**EP 05770011 A 20050712**

Priority

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Abstract (en)  
[origin: WO2006005328A1] The invention relates to an oil module for an internal combustion engine, comprising an oil filter, an oil/water heat exchanger, said heat exchanger being embodied as a separate component with a joint surface connected to a corresponding joint surface on the oil module housing and a water pump, whereby the water pump has a rotational axis, such as the rotational axis for the rotor of a rotary pump and the joint surface of the heat exchanger is at a 90° angle to the rotational axis of the water pump, the heat exchanger being a closed oil/water heat exchanger.

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