

Title (en)
HOLLOW BODY COMPRISING AN INTEGRATED OIL SEPARATOR UNIT

Title (de)
HOHLKÖRPER MIT INTEGRIERTER ÖLABSCHEIDEEINRICHTUNG

Title (fr)
CORPS CREUX À DISPOSITIF SÉPARATEUR D'HUILE INTÉGRÉ

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Application
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Abstract (en)
[origin: WO2010102687A1] The invention relates to a hollow body (2), in particular a camshaft, comprising an integrated oil separator unit, a swirl generator (4) being located in a cavity (3) of the hollow body (2) and the hollow body (2) having at least one supply opening (9) in the camshaft case for introducing gas that is charged with oil into the cavity (3) and at least one discharge opening (16; 18) for carrying away separated oil and gas that has been cleaned of oil. According to the invention, the hollow body (2) has an oil separator ring (5) inside the cavity (3), downstream of the swirl generator (4) when viewed in the flow direction.

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