

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

Publication
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Application
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Abstract (en)
[origin: WO2010102689A1] The invention relates to a hollow body (2) comprising an integrated oil separator unit, a swirl generator (4) being located in a cavity (2b) of the hollow body (2) and the hollow body (2) having at least one first supply opening (20a) in the camshaft case for introducing gas that is charged with oil into the cavity (3) and at least one discharge opening for carrying away separated oil and for carrying away gas that has been cleaned of oil. According to the invention, the swirl generator (4) also has elements (4b; S') that are used to variably influence the pressure that prevails at a predetermined point in the cavity (2b).

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