

Title (en)

Oil collecting device and oil pump for an internal combustion engine

Title (de)

Ölauffangvorrichtung und Ölpumpe für eine Brennkraftmaschine

Title (fr)

Dispositif de recuperation d'huile et pompe d'huile pour un moteur à combustion interne

Publication

**EP 1316684 B1 20050504 (DE)**

Application

**EP 02023997 A 20021026**

Priority

DE 10159090 A 20011201

Abstract (en)

[origin: EP1316684A2] Oil collecting device (2) comprises an oil collecting housing arranged below a crank housing and having at least two oil collecting chambers. An oil pump with two pumping stages is arranged in a first oil collecting chamber. The housing of the oil pump has an opening (48) on its upper side connecting the pressure side of a second pump stage. Oil suctioned from the second oil collecting chamber is transferred to a first oil collecting chamber. <??>Preferred Features: The opening is enclosed by a sink-like edge (50). A pressure limiting valve connected to the pressure side of the first pump stage is provided in the housing of the oil pump.

IPC 1-7

**F01M 11/00**; F01M 1/00; F16N 13/20

IPC 8 full level

**F01M 1/00** (2006.01); **F01M 1/02** (2006.01); **F01M 1/16** (2006.01); **F01M 11/00** (2006.01); **F02F 7/00** (2006.01); **F16N 13/20** (2006.01); F01M 1/12 (2006.01)

CPC (source: EP US)

**F01M 1/02** (2013.01 - EP US); **F01M 2001/123** (2013.01 - EP US); **F01M 2011/0041** (2013.01 - EP US); **F01M 2011/007** (2013.01 - EP US)

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