

Title (en)  
LUBRICATING DEVICE FOR A RECIPROCATING-PISTON ENGINE

Publication  
**EP 0305689 B1 19910911 (DE)**

Application  
**EP 88111120 A 19880712**

Priority  
DE 3729603 A 19870904

Abstract (en)  
[origin: JPS6483806A] PURPOSE: To attach an oil pump which is installed at a edge face side of an engine case and bearings by composing the pump case of two case parts whose position is decided at a separating surface each other and which are bolted by a bolt. CONSTITUTION: A cogwheel 2 is provided at an end of a crank axis 1 supported at a central of a V-shaped engine. Right and left sides of oil pumps are driven by a rotation of the cogwheel 2 through each cogwheels 7, 8. Each cogwheels 7, 8 is connected with rotary axes of each cogwheels 7, 8 through an inserting joint composed of joint pieces 12, 14, 13, 15. One side of the oil pump is a discharge pump 19 and another side of the oil pump is suction pumps 26, 27 and each pump is composed of a pair of cogwheel engaged mutually and housed in a pump case 20. The pump case 20 is composed of two case parts 30, 32 being casts whose position is decided at a separating face 31 each other, and which are bolted by a bolt 36.

IPC 1-7  
**F01M 1/02; F02F 7/00**

IPC 8 full level  
**F01M 11/03** (2006.01); **B01D 35/02** (2006.01); **F01M 1/02** (2006.01); **F01P 1/02** (2006.01); **F02F 7/00** (2006.01); **F02B 75/22** (2006.01)

CPC (source: EP US)  
**F01M 1/02** (2013.01 - EP US); **F01P 1/02** (2013.01 - EP US); **F02F 7/0073** (2013.01 - EP US); **F02B 75/22** (2013.01 - EP US); **F02F 2200/06** (2013.01 - EP US)

Cited by  
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