

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
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CPC (source: EP US)
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Cited by
DE102018125876A1; EP0775815A1; EP0881365A3; US12049951B2; WO2020254450A1; DE102018125876B4

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