

Title (en)  
RECIPROCATING PISTON INTERNAL-COMBUSTION ENGINE

Publication  
**EP 0140108 B1 19870304 (DE)**

Application  
**EP 84110986 A 19840914**

Priority  
DE 3334044 A 19830921

Abstract (en)  
[origin: US4524735A] In a reciprocating piston combustion engine, an insert extends substantially to the plane separating the leading part of the oil pan from the interior of the crankcase. The free longitudinal edge of the insert is disposed above the oil level in the oil pan. Recesses in the insert receive oil that drips down from the crankshaft bearing and directs it back to the oil pan. In view of the close proximity of the recesses with the movement of the crank web, very little oil reaches the insert.

IPC 1-7  
**F01M 11/00**; **F02F 7/00**

IPC 8 full level  
**A63F 7/32** (2006.01); **F01M 11/00** (2006.01); **F02F 7/00** (2006.01)

CPC (source: EP US)  
**F01M 11/00** (2013.01 - EP US)

Cited by  
DE3925411A1; DE4139195A1; DE4139195C2; US10502105B2; EP3106635B1

Designated contracting state (EPC)  
DE FR GB IT SE

DOCDB simple family (publication)  
**EP 0140108 A1 19850508**; **EP 0140108 B1 19870304**; DE 3334044 A1 19850328; DE 3334044 C2 19851107; DE 3462538 D1 19870409; JP S60145447 A 19850731; JP S6334312 B2 19880708; US 4524735 A 19850625

DOCDB simple family (application)  
**EP 84110986 A 19840914**; DE 3334044 A 19830921; DE 3462538 T 19840914; JP 19843484 A 19840920; US 65210384 A 19840919