

Title (en)
INTERNAL COMBUSTION ENGINE

Publication
EP 0255705 B1 19910403 (DE)

Application
EP 87111086 A 19870731

Priority
DE 3626529 A 19860805

Abstract (en)
[origin: EP0255705A2] In an internal-combustion engine with an auxiliary apparatus arranged in the crank case 10, especially a lubrication pump 15, the auxiliary apparatus or lubrication pump 15 is mounted separately on screwed bolts 25, 26, designed as headed bolts, of the bearing cover screw thread of a split crankshaft bearing 23. In order to be able to arrange lubrication pumps 15 of the same type with an induction head 16 on the pump housing directed towards the oil sump 17, in a correspondingly matched manner for internal-combustion engines of the same type with oil baths 18 differing in each case by a differently arranged oil sump 17, screw bolts 25 and 26 with stop surfaces 29, facing away from the engine, for the lubrication pump 15 are provided in the screw threads of a plurality of bearing covers 24, the screw bolts 25 and 26 being fitted on their heads 28 with devices (threaded bolt 32 and blind tapped hole 33) for separate means of retention of the lubrication pump 15. <IMAGE>

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

IPC 8 full level
F01M 1/02 (2006.01); **F02F 7/00** (2006.01)

CPC (source: EP)
F01M 1/02 (2013.01)

Citation (examination)
EP 0255707 A2 19880210 - BAYERISCHE MOTOREN WERKE AG [DE]

Cited by
GB2280934A; GB2280934B; EP0597743A1; FR2697896A1

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EP 0255705 A2 19880210; **EP 0255705 A3 19890308**; **EP 0255705 B1 19910403**; DE 3626529 A1 19880218; DE 3626529 C2 19890323; DE 3769032 D1 19910508; ES 2022225 B3 19911201

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