

Title (en)

Internal Combustion Engine having a Pump and Method to replace the Pump

Title (de)

Brennkraftmaschine mit einer Pumpe, sowie Verfahren zum Austauschen derselben

Title (fr)

Moteur à combustion interne muni d'une pompe et procédé de remplacement de ladite pompe

Publication

EP 1431572 B1 20050420 (FR)

Application

EP 03293205 A 20031218

Priority

FR 0216102 A 20021218

Abstract (en)

[origin: EP1431572A1] The i.c. engine comprises a pinion (22) having a central fixing hole (220) and several branches (221) connecting the hole to the line of peripheral teeth around which a timing belt is mounted. At least two branches of the pinion are drilled with a hole (222) and the face of the casing to which the pump is fixed comprises two tapped holes for fixing the pinion to the casing before dismantling the pump. Independent claims are included for an automobile comprising the engine and a method of replacing the injection pump.

IPC 1-7

F02M 59/48; **F02M 39/02**

IPC 8 full level

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CPC (source: EP)

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Cited by

DE102008021268A1; FR3017665A1; DE102005029078A1; DE102005029078B4; EP2666593A1; FR2991000A1; US2021207690A1; US11746859B2

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