

Title (en)
Driving mechanism of an engine

Title (de)
Motorantriebsmechanismus

Title (fr)
Mécanisme de commande d'un moteur

Publication
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Application
EP 09006510 A 20090514

Priority
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Abstract (en)
Driving mechanism of an engine comprising a cylinder, piston, connecting rod (3) and a rack portion, wherein the rack portion is in the form of a closed loop (19) and the gear wheel (5) is arranged in the gap between the loop (19) from the rack (9) and the support structure (11) wherein the support structure (11) is in the constant distance from the rack loop (19) and to the gear wheel (5) a support disc (7) is adjoined for their joint rotation.

IPC 8 full level
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CPC (source: EP)
F01B 9/047 (2013.01); **F01B 9/06** (2013.01); **F02B 75/32** (2013.01)

Citation (applicant)
• US 1748612 A 19300225 - MUHLFELD JOHN E
• US 2046903 A 19360707 - JOHN LIST
• US 2065509 A 19361229 - CRAWFORD BELL WILLIAM, et al
• US 2081749 A 19370525 - CARL KRITZLER, et al
• US 2097983 A 19371102 - KRATKY RICHARD J
• JP H11159339 A 19990615 - NAWATA KEIJI

Citation (search report)
• [XY] US 4395977 A 19830802 - PAHIS NIKOLAOS S [US]
• [YA] US 3945358 A 19760323 - COLLINS BRAIN STANLEY
• [YA] US 1440035 A 19221226 - STRUBLE JAMES F
• [A] WO 9311342 A1 19930610 - ADVANCED TECHNOLOGIES MACHINE [US]

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

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