

Title (en)

Adapter for a high pressure injection pump for a direct injection piston combustion engine

Title (de)

Adapter für Kraftstoffhochdruckeinspritzpumpen für benzindirekteinspritzende Hubkolbenbrennkraftmaschinen

Title (fr)

Adaptateur pour une pompe de injection haute pression pour un moteur à combustion à injection directe

Publication

EP 1283330 B1 20051116 (DE)

Application

EP 01116173 A 20010704

Priority

EP 01116173 A 20010704

Abstract (en)

[origin: US2003005903A1] The invention relates to a holder for the attachment of units, preferably of fuel-pressure injection pumps to cylinder heads of reciprocating internal combustion engines. In this case, the holder replaces one or more camshaft bearing caps and thus permits a high-pressure fuel injection pump to be installed and operated in a simple manner.

IPC 1-7

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IPC 8 full level

F01L 1/053 (2006.01); **F02F 1/24** (2006.01); **F02M 39/00** (2006.01); **F02M 39/02** (2006.01)

CPC (source: EP US)

F01L 1/053 (2013.01 - EP US); **F02F 1/24** (2013.01 - EP US); **F02M 39/00** (2013.01 - EP US); **F02M 39/02** (2013.01 - EP US)

Citation (examination)

- DE19826286 A
- DE4227566 A
- EP0353988 A
- US4913105 A

Cited by

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Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

US 2003005903 A1 20030109; **US 6523518 B2 20030225**; DE 50108089 D1 20051222; EP 1283330 A1 20030212; EP 1283330 B1 20051116

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US 6420002 A 20020620; DE 50108089 T 20010704; EP 01116173 A 20010704