

Title (en)

INTERNAL COMBUSTION ENGINE WITH FUEL INJECTION

Title (de)

VERBRENNUNGSMOTOR MIT KRAFTSTOFF-EINSPRITZUNG

Title (fr)

MOTEUR A COMBUSTION INTERNE A INJECTION DE CARBURANT

Publication

EP 0694117 B1 19961023 (DE)

Application

EP 94914353 A 19940408

Priority

- DE 4312393 A 19930416
- EP 9401096 W 19940408

Abstract (en)

[origin: WO9424421A1] In an internal combustion engine with fuel injection, especially a one-cylinder diesel engine, a rocker arm (5) is actuated to drive the injection pump (6) via the camshaft (1). Set to the rocker arm (5) is a prestressed pressure spring (22) which keeps the contact point (18) of the rocker arm (5) on the the cam (2). The pressure spring (22) is housed in a hollow cylinder which forms the piston (24) of an oil pump (23).

IPC 1-7

F01M 1/02; **F02M 39/02**

IPC 8 full level

F01M 1/02 (2006.01); **F02M 39/02** (2006.01); **F02M 59/10** (2006.01); **F02M 63/00** (2006.01); **F02B 3/06** (2006.01)

CPC (source: EP)

F01M 1/02 (2013.01); **F02M 39/02** (2013.01); **F02M 59/102** (2013.01); **F02M 63/0001** (2013.01); **F02B 3/06** (2013.01)

Designated contracting state (EPC)

DE GB IT

DOCDB simple family (publication)

DE 4312393 A1 19941020; **DE 4312393 C2 19960829**; AU 6677094 A 19941108; DE 59400917 D1 19961128; EP 0694117 A1 19960131; EP 0694117 B1 19961023; WO 9424421 A1 19941027

DOCDB simple family (application)

DE 4312393 A 19930416; AU 6677094 A 19940408; DE 59400917 T 19940408; EP 9401096 W 19940408; EP 94914353 A 19940408