

Title (en)

FUEL INJECTION PUMP FOR INTERNAL COMBUSTION ENGINES

Publication

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Application

**EP 87901395 A 19870319**

Priority

- DE 3609760 A 19860322
- DE 3630799 A 19860910

Abstract (en)

[origin: WO8705664A1] Fuel injection pump for internal combustion engines with several pump elements (2, 3) arranged in series, in which the initiation of injection is effected by a distributor (9) which can be slid axially on the pump piston (3) and by controlling the discharge ducts (22 to 25) of the pump working chambers (18). The pump distributors (9) are actuated via a torque shaft (12) which is designed in two parts, namely a first shaft part (38) which preferably is secured axially and a second shaft part (39) which is inserted in a leakproof manner in a bearing sleeve arranged in the housing. The two shaft parts are inserted in one another by a spigot (41) and a blind hole (40) arranged on the front ends facing one another and are linked together by a claw coupling (43, 44) so as to lock during rotation.

IPC 1-7

**F02M 59/24**; **F02M 59/44**

IPC 8 full level

**F02M 59/28** (2006.01); **F02M 59/24** (2006.01); **F02M 59/26** (2006.01); **F02M 59/44** (2006.01)

CPC (source: EP KR US)

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