

Title (en)

A two-stage pumping element for a fuel injection pump, with mechanical governor.

Title (de)

Zweistufiges Pumpelement für eine Kraftstoffeinspritzpumpe, mit mechanischem Regler.

Title (fr)

Élément de pompe à deux étages pour une pompe d'injection de carburant avec un régulateur mécanique.

Publication

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Application

EP 86830153 A 19860606

Priority

IT 351485 A 19850730

Abstract (en)

The mechanically governed fuel injection pumping element disclosed is embodied with a piston (16) in two stages (1, 2), and a barrel (15) incorporating a gallery (7) which interconnects two pressure chambers (3, 4) to the end of producing a dual injection when the assembly is reciprocated by a common drive component (17), thereby providing a more gradual rate of injection. In a preferred embodiment, the two stages (1, 2) are proportioned such as to dictate the quantity ratio between the two injections, and the interval of time separating them.

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