

Title (en)

ELECTROMAGNETIC INJECTION VALVE FOR INTERNAL COMBUSTION ENGINES AND METHOD FOR ITS PRODUCTION

Publication

EP 0312708 B1 19910703 (DE)

Application

EP 88111303 A 19880714

Priority

DE 3735288 A 19871017

Abstract (en)

[origin: EP0312708A1] Known electromagnetic injection valves have the disadvantage that, following operations to set the valve lift and the valve closing spring force, problems of service life occur, the valves no longer accurately metering the required injection quantities or else no longer being tight. With the new injection valve this disadvantage is avoided. The new injection valve is characterised in that following a rough preadjustment by displacement of a circular rod (2) a fine adjustment of the valve lift is achieved by a longitudinal variation of the circular rod (2) by deforming this with the aid of hobs (15). The closing spring force adjustment is carried out by axial displacement of a tension ring (9) arranged on the circular rod (2). Injection valves of this type have applications in fuel injection systems for the fuel supply of internal combustion engines. <IMAGE>

IPC 1-7

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IPC 8 full level

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Cited by

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