

Title (en)

METHOD FOR CALIBRATING THROTTLE BORES, ESPECIALLY IN INJECTION VALVES FOR INTERNAL COMBUSTION ENGINES, AND DEVICE FOR CARRYING OUT SAID METHOD

Title (de)

VERFAHREN ZUR KALIBRIERUNG VON DROSSELBOHRUNGEN, INSBESONDERE IN EINSPRITZVENTILEN FÜR BRENNKRAFTMASCHINEN, UND VORRICHTUNG ZUR DURCHFÜHRUNG DES VERFAHRENS

Title (fr)

PROCEDE DE CALIBRAGE D'ORIFICES D'ETRANGLEMENT, NOTAMMENT DANS DES SOUPAPES D'INJECTION POUR MOTEURS A COMBUSTION INTERNE, ET DISPOSITIF POUR METTRE EN OEUVRE LEDIT PROCEDE

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Application

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Abstract (en)

[origin: DE19941472A1] The invention relates to a method and to a device for calibrating throttle bores, especially in injection valves for internal combustion engines. The throttle bores are subjected to a hydroerosive treatment by means of a suspension and the actual throughput is compared with a defined desired throughput. If the actual throughput and the desired throughput are identical, the hydroerosive treatment is terminated. A counter-pressure that inhibits cavitation of the liquid is built up on the run-off side (13) of the throttle bore (11).

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