Title (en)

METHOD FOR PRODUCING INJECTORS, IN PARTICULAR FUEL INJECTORS, AND INJECTOR

Title (de)

VERFAHREN ZUM HERSTELLEN VON INJEKTOREN, INSBESONDERE KRAFTSTOFFINJEKTOREN, SOWIE INJEKTOR

Title (fr)

PROCÉDÉ DE FABRICATION D'INJECTEURS, EN PARTICULIER D'INJECTEURS DE CARBURANT, AINSI QU'INJECTEUR

Publication

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Application

EP 14731663 A 20140623

Priority

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Abstract (en)

[origin: WO2014206924A1] The invention relates to a method for pairing at least two injectors (1), in particular two fuel injectors (1) for a direct injection system of an internal combustion engine, wherein a criterion for the pairing of the at least two injectors (1) is a total leakage (L212) and/or a pressure difference ($\Delta p = p12_{\infty}-p_{\infty}$, $\Delta p = p22-p_{\infty}$) at a transfer pin (212) of the respective injector (1). The invention further relates to a method for producing an injector (1), in particular a fuel injector (1) for a direct injection system of an internal combustion engine, wherein at least two instances of mechanical backlash (110/120, 210/212, 220/222), in particular instances of pairing backlash (110/120, 210/212, 220/222), that are relevant to injection amounts, leakage amounts (L112, L212, L222), and/or pressure differences ($\Delta p = pR-p12 \approx / = \Delta p = pR-p22$) of the injector (1) are paired with each other.

IPC 8 full level

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CPC (source: EP US)

F02M 51/0607 (2013.01 - US); **F02M 61/12** (2013.01 - US); **F02M 61/168** (2013.01 - EP US); **F02M 61/18** (2013.01 - US)

Citation (search report)

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