

Title (en)
METHOD OF PRODUCING CHANNELS IN A FUEL INJECTION DEVICE, ELECTRODE ADAPTED FOR SAID METHOD AND DEVICE THUS OBTAINED

Title (de)
VERFAHREN ZUR HERSTELLUNG VON KANÄLEN IN EINER KRAFTSTOFFEINSPRITZVORRICHTUNG, FÜR DAS VERFAHREN GEEIGNETE ELEKTRODE UND SO ERHALTENE VORRICHTUNG

Title (fr)
PROCEDE DE REALISATION DE CANAUX DANS UN DISPOSITIF D'INJECTION DE CARBURANT, ELECTRODE ADAPTEE A SA MISE EN OEUVRE ET DISPOSITIF AINSI OBTENU

Publication
EP 1701814 A2 20060920 (FR)

Application
EP 05717369 A 20050106

Priority
• FR 2005000021 W 20050106
• FR 0400193 A 20040109

Abstract (en)
[origin: FR2864916A1] The process involves providing an injection channel (32') opened through an opening into a cavity (33) in a body (30) of a fuel injection device. An electrode (34) having an unsheathed zone (34A`) is arranged in the cavity. A potential difference is applied between the body and the electrode using an electrolyte in the cavity to trim the periphery of the opening by electro-chemical erosion. An independent claim is also included for a fuel injection device including an electrode that implements an injection channel producing process.

IPC 8 full level
B23H 9/00 (2006.01); **B23H 3/04** (2006.01); **B23H 9/02** (2006.01); **F02M 55/02** (2006.01); **F02M 61/16** (2006.01)

CPC (source: EP)
B23H 3/04 (2013.01); **B23H 9/00** (2013.01); **B23H 9/02** (2013.01); **F02M 55/025** (2013.01); **F02M 61/168** (2013.01); **F02M 2200/8069** (2013.01)

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See references of WO 2005072899A2

Designated contracting state (EPC)
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