

Title (en)

Arrangement and process for treating through holes utilizing a fluid

Title (de)

Anordnung und Verfahren zum Bearbeiten von Durchgangsöffnungen unter Verwendung eines Fluids

Title (fr)

Arrangement et procédé pour le traitement de trous traversants en utilisant un fluide

Publication

EP 1787753 A1 20070523 (DE)

Application

EP 06019286 A 20060914

Priority

DE 102005055422 A 20051121

Abstract (en)

The arrangement has a main pump (M) provided on an input-side of a serial line connection of two through openings (D1, D2) at the through opening (D1) for producing a main fluid flow through the two through openings. Multiple auxiliary pumps (A1) are provided between the two through openings for simultaneous supplying or discharging of auxiliary fluid flow. A back pressure producing device is arranged on an output-side of the line connection at the through opening (D2). An independent claim is also included for a method for treating through openings of a fuel injector.

IPC 8 full level

B24B 31/116 (2006.01); **B24C 3/32** (2006.01)

CPC (source: EP)

B24B 31/116 (2013.01); **B24C 3/327** (2013.01)

Citation (search report)

- [XY] US 5076027 A 19911231 - RHOADES LAWRENCE J [US]
- [XAY] WO 9958296 A1 19991118 - DYNETICS CORP [US]
- [A] GB 1464097 A 19770209 - FELDCAMP E

Cited by

CN107855919A; CN112437712A; CN115056129A; WO2018080881A1; US11654531B2; US11878392B2; WO2019228852A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1787753 A1 20070523; **EP 1787753 B1 20090610**; AT E433364 T1 20090615; DE 102005055422 A1 20070524;
DE 502006003927 D1 20090723

DOCDB simple family (application)

EP 06019286 A 20060914; AT 06019286 T 20060914; DE 102005055422 A 20051121; DE 502006003927 T 20060914