

Title (en)

Manufacturing method for an injector

Title (de)

VERFAHREN ZUM HERSTELLEN EINES VENTILS

Title (fr)

Méthode de fabrication d'un injecteur

Publication

EP 1731754 A1 20061213 (DE)

Application

EP 06114885 A 20060602

Priority

DE 102005025952 A 20050606

Abstract (en)

The method involves determining a hydraulically effective cross-section area of bellows (7) which represent size. A valve spring (8) is selected related to its spring action (F3) dependent on that the hydraulically effective cross-section area of the bellows. A valve needle (2) is arranged in the valve body (1) and coupled over the valve spring and the bellows. Axial pressure affects the valve needle which is dependent on a fluid pressure prevailing in a low-pressure range or a high pressure range to open or close the valve.

IPC 8 full level

F02M 61/16 (2006.01); **F02M 61/20** (2006.01); **F02M 63/00** (2006.01)

CPC (source: EP)

F02M 51/0603 (2013.01); **F02M 61/08** (2013.01); **F02M 61/168** (2013.01); **F02M 61/20** (2013.01); **F02M 63/0057** (2013.01); **F02M 2200/16** (2013.01); **F02M 2200/50** (2013.01)

Citation (search report)

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