Title (en)

IMPACT SHEET FOR IN-LINE INJECTION PUMPS

Publication

EP 0307728 A3 19891129 (DE)

Application

EP 88114270 A 19880901

Priority

DE 3730912 A 19870915

Abstract (en)

[origin: EP0307728A2] In fuel injection pumps the pump chamber is discharged at the end of injection by the opening of an overflow aperture. Due to these overflow impacts cavitation occurs in the housing of the injection pump which can lead to detached metal particles which in turn cause damage to the injection system. According to the invention it is proposed to arrange an acutely angled baffle plate inside the discharge chamber whose acute opening angle is turned towards the overflow aperture. The invention can be used in the case of injection pumps, in particular in-line injection pumps. <IMAGE>

IPC 1-7

F02M 55/00; F02M 59/44

IPC 8 full level

F02M 55/00 (2006.01); **F02M 59/44** (2006.01)

CPC (source: EP)

F02M 55/001 (2013.01)

Citation (search report)

- GB 2042066 A 19800917 - BOSCH GMBH ROBERT
- GB 2074252 A 19811028 - LUCAS INDUSTRIES LTD
- DE 3136749 A1 19830331 - BOSCH GMBH ROBERT [DE]
- DE 2220212 A1 19721116

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AT DE FR GB

DOCDB simple family (publication)

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