

Title (en)
Throttling device

Title (de)
Drosselement

Title (fr)
Dispositif d'étranglement

Publication
EP 0874152 A2 19981028 (DE)

Application
EP 98102040 A 19980206

Priority
DE 29707496 U 19970425

Abstract (en)
The throttle has a aperture (9), and is fitted as an insert (5) into a fuel channel (2). A filter is positioned upstream of the aperture. A ring groove (10) is formed between channel wall (4) and insert upstream of the aperture. A wall of the insert upstream of the ring groove, and the channel wall form a ring gap (14), which acts as filter and is part of the connection between the sides of the insert. The section of the ring gap is larger than that of the aperture.

Abstract (de)
Es wird ein Drosselement zum Einbau in eine Kraftstoffeinspritzpumpe vorgeschlagen, das zur Begrenzung eines Flüssigkeitsstromes als Einsatz (5) in ein Kanal (6) eingesetzt ist, wobei stromaufwärts der Drosselöffnung (9) des Einsatzes (5) ein Filter vorgesehen ist. <IMAGE>

IPC 1-7
F02M 59/44

IPC 8 full level
F02M 51/04 (2006.01); **F02M 59/44** (2006.01)

CPC (source: EP US)
F02M 59/44 (2013.01 - EP US); **Y10T 137/794** (2015.04 - EP US)

Citation (applicant)
DE 4142998 C1 19930722

Cited by
FR2814780A1; US6668863B2; DE102022205544A1

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
DE 29707496 U1 19980820; DE 59812059 D1 20041111; EP 0874152 A2 19981028; EP 0874152 A3 20001025; EP 0874152 B1 20041006; JP 4243365 B2 20090325; JP H10325375 A 19981208; US 6162029 A 20001219

DOCDB simple family (application)
DE 29707496 U 19970425; DE 59812059 T 19980206; EP 98102040 A 19980206; JP 11744798 A 19980427; US 6657398 A 19980427