

Title (en)

Control unit for an injector of an injection installation

Title (de)

Steuereinheit für einen Injektor einer Einspritzanlage

Title (fr)

Unité de commande pour un injecteur d'une installation d'injection

Publication

EP 1143137 B1 20050622 (DE)

Application

EP 01108767 A 20010406

Priority

DE 10017366 A 20000407

Abstract (en)

[origin: EP1143137A2] The control unit has a control chamber (3) filled with fuel, that acts hydraulically on the nozzle needle (1) and that has an intake (4) and an outlet (5) with a control valve in the outlet and an intake choke (ZD) with a variable flow resistance in the intake. The choke flow resistance is greater with the control valve open than when it is closed.

IPC 1-7

F02M 47/02; **F02M 59/46**

IPC 8 full level

F02M 47/02 (2006.01); **F02M 59/46** (2006.01); **F02M 63/00** (2006.01)

CPC (source: EP)

F02M 47/027 (2013.01); **F02M 2200/21** (2013.01); **F02M 2547/008** (2013.01)

Cited by

CN112049739A; FR2897396A1

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 1143137 A2 20011010; **EP 1143137 A3 20031001**; **EP 1143137 B1 20050622**; DE 10017366 A1 20011018; DE 10017366 C2 20021031; DE 50106567 D1 20050728

DOCDB simple family (application)

EP 01108767 A 20010406; DE 10017366 A 20000407; DE 50106567 T 20010406