

Title (en)

CONTROL EQUIPMENT FOR AN INTERNAL COMBUSTION ENGINE AND PROCESS FOR ADJUSTING THE PARAMETERS FOR THE EQUIPMENT

Publication

**EP 0394306 B1 19920401 (DE)**

Application

**EP 89900183 A 19881209**

Priority

DE 3800176 A 19880107

Abstract (en)

[origin: WO8906310A1] Control equipment for controlling the quantity of fuel supplied to the cylinders of an internal combustion engine by an injection device on each cylinder has a pre-control timing unit (10), an individual value store (11) and a logic element (12). The individual value store memorises individual values assigned to the injection devices for the individual cylinders of an internal combustion engine (13). The logic element combines the individual values with a pre-control time supplied by the pre-control timing unit to yield a control time for each injection device such that the lambda values measured by a lambda probe in the exhaust fumes are essentially the same for all cylinders. Good exhaust gas values can be obtained using this control equipment.

IPC 1-7

**F02D 41/14**; **F02D 41/26**

IPC 8 full level

**F02D 41/00** (2006.01); **F02D 41/14** (2006.01); **F02D 41/26** (2006.01); **F02D 41/34** (2006.01); **F02D 41/36** (2006.01); **F02D 45/00** (2006.01)

CPC (source: EP KR US)

**F02D 41/008** (2013.01 - EP US); **F02D 41/14** (2013.01 - KR); **F02D 41/1401** (2013.01 - EP US); **F02D 41/2454** (2013.01 - EP US); **F02D 41/0085** (2013.01 - EP US); **F02D 41/1456** (2013.01 - EP US); **F02D 41/2467** (2013.01 - EP US); **F02D 2041/1418** (2013.01 - EP US)

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

**WO 8906310 A1 19890713**; DE 3800176 A1 19890720; DE 3869783 D1 19920507; EP 0394306 A1 19901031; EP 0394306 B1 19920401; JP 2719019 B2 19980225; JP H03502224 A 19910523; KR 0147062 B1 19980817; KR 900700739 A 19900816; US 5020502 A 19910604

DOCDB simple family (application)

**DE 8800754 W 19881209**; DE 3800176 A 19880107; DE 3869783 T 19881209; EP 89900183 A 19881209; JP 50028789 A 19881209; KR 890701646 A 19890713; US 47792490 A 19900621