

Title (en)

METHOD AND APPARATUS FOR CONTROLLING THE INTAKE AIR FLOW IN A THERMAL ENGINE DURING IDLING

Publication

EP 0170574 B1 19880914 (FR)

Application

EP 85401364 A 19850705

Priority

FR 8411667 A 19840723

Abstract (en)

[origin: US4658782A] A process and apparatus for controlling the air flow at the intake of a heat engine fed by fuel injection. The air flow is controlled as a function of the rotational speed of the engine, particularly in the vicinity of the rated idling speed. The control point is determined as a result of a filtering made on a value linked to the instantaneous value of the rotational speed of the engine followed by a weighted average between the filtered value and a magnitude linked to the rated idling speed.

IPC 1-7

F02D 41/08

IPC 8 full level

F02D 41/34 (2006.01); **F02D 31/00** (2006.01); **F02D 41/04** (2006.01); **F02D 41/12** (2006.01); **F02D 45/00** (2006.01)

CPC (source: EP US)

F02D 31/003 (2013.01 - EP US); **F02D 41/0097** (2013.01 - EP US); **F02D 2041/1432** (2013.01 - EP US)

Designated contracting state (EPC)

CH DE GB IT LI NL SE

DOCDB simple family (publication)

EP 0170574 A1 19860205; **EP 0170574 B1 19880914**; CA 1252544 A 19890411; DE 3564983 D1 19881020; FR 2567961 A1 19860124; FR 2567961 B1 19861212; JP H0759906 B2 19950628; JP S61135955 A 19860623; US 4658782 A 19870421

DOCDB simple family (application)

EP 85401364 A 19850705; CA 487208 A 19850722; DE 3564983 T 19850705; FR 8411667 A 19840723; JP 16134785 A 19850723; US 75729885 A 19850722