

Title (en)

METHOD FOR OPTIMIZED TRANSIENT-PHASE REGULATION IN A TURBOCHARGER

Title (de)

VERFAHREN ZUR OPTIMIERTEN ÜBERGANGSPHASENREGELUNG IN EINEM TURBOLADER

Title (fr)

PROCEDE DE REGULATION OPTIMISE EN PHASE TRANSITOIRE DANS UN TURBOCOMPRESSEUR

Publication

EP 1856390 A1 20071121 (FR)

Application

EP 06709539 A 20060227

Priority

- FR 2006050172 W 20060227
- FR 0501994 A 20050228

Abstract (en)

[origin: FR2882576A1] The method involves adjusting a pressure drop ratio of a turbocharger (60) around a pressure drop ratio set point (111). Maximum value for the set point is determined such that at the time of a transitional stage, the adjusted pressure drop ratio is less than the maximum value, where the value depends on a parameter e.g. turbocharger power output, characterizing the operation of the turbocharger. An independent claim is also included for an internal combustion engine controlling system comprising a turbocharger.

IPC 8 full level

F02D 23/02 (2006.01); **F02B 37/24** (2006.01); **F02D 41/14** (2006.01)

CPC (source: EP)

F02B 37/12 (2013.01); **F02B 37/24** (2013.01); **F02D 23/02** (2013.01); **F02D 41/0007** (2013.01); **F01N 3/021** (2013.01); **F02B 29/0406** (2013.01); **F02B 37/00** (2013.01); **F02D 41/3064** (2013.01); **F02D 2041/1419** (2013.01); **F02D 2041/1433** (2013.01); **F02M 26/05** (2016.02); **Y02T 10/12** (2013.01)

Citation (search report)

See references of WO 2006092527A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

FR 2882576 A1 20060901; **FR 2882576 B1 20070525**; EP 1856390 A1 20071121; WO 2006092527 A1 20060908

DOCDB simple family (application)

FR 0501994 A 20050228; EP 06709539 A 20060227; FR 2006050172 W 20060227