

Title (en)
Flow rate control system for turbocharger

Title (de)
Durchflusssteuerung für Turbolader

Title (fr)
Commande de débit pour turbocompresseur

Publication
EP 2103793 A3 20120516 (EN)

Application
EP 09155507 A 20090318

Priority
JP 2008072062 A 20080319

Abstract (en)
[origin: EP2103793A2] A turbocharger 1 includes a turbine wheel 30, an inner peripheral member 23 provided outside the turbine wheel 30, and an outer peripheral member 13 provided outside the inner peripheral member 23 that can turn relative to the inner peripheral member 23 in the circumferential direction. The inner peripheral member 23 and the outer peripheral member 13 are provided with a plurality of inner guide portions 21 and a plurality of outer guide portions 11, respectively, that define gas passages 22 and 12 between successive guide portions 21, 11. The flow of gas to the turbine wheel 30 through the gas passages may be adjusted by turning one of the outer peripheral member 13 or the inner peripheral member 23 so that the inner guide portions 21 restrict the flow of gas through the gas passages 12 of the outer peripheral member 13.

IPC 8 full level
F01D 17/14 (2006.01); **F01D 17/16** (2006.01); **F02C 6/12** (2006.01); **F02C 9/00** (2006.01)

CPC (source: EP)
F01D 17/141 (2013.01); **F01D 17/165** (2013.01); **F05D 2220/40** (2013.01); **F05D 2250/35** (2013.01)

Citation (search report)

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- [A] US 4927325 A 19900522 - YANO SHUNJI [JP]
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Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
EP 2103793 A2 20090923; EP 2103793 A3 20120516; JP 2009228479 A 20091008

DOCDB simple family (application)
EP 09155507 A 20090318; JP 2008072062 A 20080319