Title (en)
VEHICLE TURBOCHARGING SYSTEM

Title (de)
TURBOLADERSYSTEM FÜR EIN FAHRZEUG

Title (fr)
SYSTÈME DE TURBOCOMPRESSEUR POUR UN VÉHICULE

Publication
EP 3274572 A1 20180131 (EN)

Application
EP 16710189 A 20160316

Priority
• GB 201505276 A 20150327
• EP 2016055701 W 20160316

Abstract (en)
[origin: WO2016156046A1] A vehicle waste heat recovery system for recovering thermal energy from exhaust gases discharged from an engine (12) of the vehicle, the system comprising: a first flow path (16) including a first turbocharging unit (20); a second flow path (18) including a second turbocharging unit (24); a valve arrangement configured to control exhaust gas flow through the first flow path (16) and the second flow path (18) to open and close the first flow path (16) and the second flow path (18) independently of each other; sensing means arranged to provide a signal indicative of the engine load; and control means arranged to control the valve arrangement in response to the indicated engine load.

IPC 8 full level
F02B 37/00 (2006.01); **B60K 6/26** (2007.10); **F01K 23/06** (2006.01); **F01N 5/02** (2006.01); **F01N 5/04** (2006.01); **F02B 37/007** (2006.01); **F02D 41/00** (2006.01); **F02D 41/02** (2006.01); **F02D 41/24** (2006.01); **F02G 5/02** (2006.01)

CPC (source: EP GB)
F01N 5/04 (2013.01 - EP); **F02B 37/002** (2013.01 - EP GB); **F02B 37/007** (2013.01 - EP GB); **F02B 37/14** (2013.01 - GB); **F02D 41/0007** (2013.01 - EP); F01N 5/02 (2013.01 - EP); F01N 5/025 (2013.01 - EP); F02D 41/0255 (2013.01 - EP); F02D 41/2409 (2013.01 - EP); F02G 5/02 (2013.01 - EP); Y02T 10/12 (2013.01 - EP)

Citation (search report)
See references of WO 2016156046A1

Designated contracting state (EPC)
AL 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 RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2016156046 A1 20161006; EP 3274572 A1 20180131; GB 201505276 D0 20150513; GB 201604469 D0 20160427; GB 2538598 A 20161123; GB 2538598 B 20200212

DOCDB simple family (application)
EP 2016055701 W 20160316; EP 16710189 A 20160316; GB 201505276 A 20150327; GB 201604469 A 20160316