

Title (en)

ASSEMBLY COMPRISING A HEAT ENGINE AND AN ELECTRICAL COMPRESSOR

Title (de)

ANORDNUNG MIT EINER WÄRMESKRAFTMASCHINE UND EINEM ELEKTRISCHEN VERDICHTER

Title (fr)

ENSEMBLE COMPRENANT UN MOTEUR THERMIQUE ET UN COMPRESSEUR ÉLECTRIQUE

Publication

**EP 3084164 A1 20161026 (FR)**

Application

**EP 14830823 A 20141218**

Priority

- FR 1362998 A 20131219
- FR 2014053420 W 20141218

Abstract (en)

[origin: WO2015092292A1] The present invention concerns an assembly (1) comprising: an intake duct (4) extending between an air inlet (11) and a heat engine (2), a heat engine (2), an electrical compressor (5) disposed on the intake duct and upstream from the heat engine (2), the electrical compressor (5) being configured to allow the spark advance to be delayed during a transitory phase.

IPC 8 full level

**F02B 29/04** (2006.01); **F02B 33/40** (2006.01); **F02B 39/10** (2006.01); **F02D 37/02** (2006.01); **F02D 41/00** (2006.01); **F02D 41/02** (2006.01)

CPC (source: EP US)

**F02B 29/04** (2013.01 - EP US); **F02B 29/0418** (2013.01 - EP US); **F02B 33/34** (2013.01 - EP US); **F02B 33/40** (2013.01 - EP US); **F02B 37/04** (2013.01 - EP US); **F02B 37/162** (2019.04 - EP US); **F02B 39/10** (2013.01 - EP US); **F02D 37/02** (2013.01 - EP US); **F02D 41/0007** (2013.01 - EP US); **F02D 41/0245** (2013.01 - EP US); **F02D 41/0255** (2013.01 - EP US); **F02P 5/15** (2013.01 - US); **F02P 5/1504** (2013.01 - EP US); **F02P 5/1506** (2013.01 - EP US); **F02B 37/18** (2013.01 - EP US); **F02D 2250/22** (2013.01 - EP US); **Y02T 10/12** (2013.01 - EP US); **Y02T 10/40** (2013.01 - EP US)

Citation (search report)

See references of WO 2015092292A1

Citation (examination)

- DE 102012009288 A1 20121122 - VOLKSWAGEN AG [DE]
- DE 10215779 A1 20031106 - BOSCH GMBH ROBERT [DE]

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 2015092292 A1 20150625**; EP 3084164 A1 20161026; FR 3015563 A1 20150626; US 2016348632 A1 20161201

DOCDB simple family (application)

**FR 2014053420 W 20141218**; EP 14830823 A 20141218; FR 1362998 A 20131219; US 201415106593 A 20141218