

Title (en)

DRIVE TRAIN, IN PARTICULAR VEHICLE DRIVE TRAIN

Title (de)

ANTRIEBSSTRANG, INSBESONDERE FAHRZEUGANTRIEBSSTRANG

Title (fr)

CHAÎNE CINÉMATIQUE, NOTAMMENT CHAÎNE CINÉMATIQUE DE VÉHICULE À MOTEUR

Publication

**EP 2729683 A2 20140514 (DE)**

Application

**EP 12730805 A 20120623**

Priority

- DE 102011107436 A 20110707
- EP 2012002663 W 20120623

Abstract (en)

[origin: WO2013004354A2] The invention relates to a drive train, in particular a vehicle drive train having an internal combustion engine which generates an exhaust-gas flow and comprises an output shaft for feeding drive power into the drive train; having at least one first turbocharger, comprising a first exhaust-gas turbine which is arranged in the exhaust-gas flow and, via a first turbine shaft, drives at least one first fresh-air compressor which is arranged in a fresh-air flow which is fed to the internal combustion engine, wherein the turbine shaft is mounted rotatably in a turbine housing; having a turbo-compound system, comprising at least one power turbine which is arranged in the exhaust-gas flow and is drive-connected or can be drive-connected via a power-turbine shaft to the output shaft of the internal combustion engine, wherein the turbine shaft is mounted rotatably in a power-turbine housing, wherein the turbine housing and the power-turbine housing are supported in or on a stationary, non-circulating common housing or are integrated into a common housing of this type. The invention is characterized in that the turbine shaft and the power-turbine shaft extend parallel to one another and the first turbocharger is arranged radially outside the turbine-compound system and, in particular, the first turbocharger and the turbo-compound system are arranged on a common side or on different and, in particular, adjoining or opposite sides of the transmission housing.

IPC 8 full level

**F02B 37/04** (2006.01); **F02B 37/10** (2006.01); **F02B 39/14** (2006.01); **F02B 41/10** (2006.01)

CPC (source: EP US)

**F02B 37/004** (2013.01 - US); **F02B 37/04** (2013.01 - EP US); **F02B 37/105** (2013.01 - EP US); **F02B 39/14** (2013.01 - EP US); **F02B 41/10** (2013.01 - EP US); **Y02T 10/12** (2013.01 - EP US)

Citation (search report)

See references of WO 2013004354A2

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

DOCDB simple family (publication)

**DE 102011107436 A1 20130110**; BR 112014000196 A2 20170207; CN 103782008 A 20140507; EP 2729683 A2 20140514; JP 2014520992 A 20140825; US 2014116043 A1 20140501; WO 2013004354 A2 20130110; WO 2013004354 A3 20130307

DOCDB simple family (application)

**DE 102011107436 A 20110707**; BR 112014000196 A 20120623; CN 201280043785 A 20120623; EP 12730805 A 20120623; EP 2012002663 W 20120623; JP 2014517498 A 20120623; US 201414149361 A 20140107