

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

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Application

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Priority

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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

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Citation (search report)

See references of WO 2013004354A2

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