

Title (en)

METHOD FOR TESTING A DECOMPRESSION ENGINE BRAKE SYSTEM; COMBUSTION ENGINE AND VEHICLE

Title (de)

VERFAHREN ZUM TESTEN EINER DEKOMPRESSIONSMOTORBREMSANLAGE; VERBRENNUNGSMOTOR UND FAHRZEUG

Title (fr)

PROCÉDÉ DE TEST D'UN SYSTÈME DE FREINAGE DE MOTEUR DE DÉCOMPRESSION, MOTEUR À COMBUSTION ET VÉHICULE

Publication

**EP 4208629 A1 20230712 (EN)**

Application

**EP 21794196 A 20210903**

Priority

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- NL 2021050535 W 20210903

Abstract (en)

[origin: WO2022050841A1] Method for testing a decompression engine brake, DEB, system (10) of a combustion engine (8), wherein the DEB system (10) comprises DEB actuators (5) to adjust opening characteristics of exhaust valves (4) of the combustion engine (8), wherein, while the engine (8) is running, the DEB system (10) is tested for a cylinder (1) under investigation by shutting off fuel injection for at least one cylinder (1), including the cylinder (1) under investigation, while at least one other cylinder (1) keeps the engine (8) running, activating the DEB for at least one of the cylinders (1) for which the fuel injection has been shut off, including the cylinder (1) under investigation, determining the momentary unbalance on the crank shaft by the cylinder (1) under investigation and determining the result of the test of the DEB system (10) for the cylinder (1) under investigation in dependence on the determined momentary unbalance on the crank shaft by the cylinder (1) under investigation.

IPC 8 full level

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Citation (search report)

See references of WO 2022050841A1

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