

Title (en)

INTERNAL COMBUSTION ENGINE, VEHICLE COMPRISING SUCH AN INTERNAL COMBUSTION ENGINE AND A METHOD FOR CONTROLLING SUCH AN INTERNAL COMBUSTION ENGINE

Title (de)

VERBRENNUNGSMOTOR, FAHRZEUG MIT SOLCH EINEM VERBRENNUNGSMOTOR UND VERFAHREN ZUR STEUERUNG EINES DERARTIGEN VERBRENNUNGSMOTORS

Title (fr)

MOTEUR À COMBUSTION INTERNE, VÉHICULE COMPRENANT UN TEL MOTEUR À COMBUSTION INTERNE ET PROCÉDÉ DE COMMANDE D'UN TEL MOTEUR À COMBUSTION INTERNE

Publication

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Application

EP 15758594 A 20150226

Priority

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Abstract (en)

[origin: WO2015133961A1] The invention relates to a four-stroke internal combustion engine (2), comprising at least one control device (34), arranged between a crank shaft (16) and each valve control means (22, 28), in order to control a first inlet valve (18) and a first exhaust valve (24), in such a way that no air is supplied to an exhaust system (26) from a first cylinder (C1) when a first piston (P1) moves backward and forwards in the first cylinder (C1), wherein a fuel pump (41) is arranged to supply a first fuel volume to the first cylinder (C1) during the expansion stroke of the first cylinder (C1), and to supply a second fuel volume to a second cylinder (C4) during the expansion stroke of the second cylinder (C4). The invention also pertains to a vehicle (1) comprising such a internal combustion engine (2) and a method to control a internal combustion engine (2).

IPC 8 full level

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Citation (search report)

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- See references of WO 2015133961A1

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