

Title (en)

INTERNAL COMBUSTION ENGINE WITH A VARIABLE-GEOMETRY COMBUSTION CHAMBER

Title (de)

VERBRENNUNGSMOTOR MIT EINER BRENNKAMMER VON VERÄNDERLICHER GEOMETRIE

Title (fr)

MOTEUR A COMBUSTION INTERNE A CHAMBRE DE COMBUSTION A GEOMETRIE VARIABLE

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Application

EP 08842745 A 20081009

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- FR 0758532 A 20071024

Abstract (en)

[origin: WO2009053621A2] The invention relates to an internal combustion engine (1), comprising: a cylinder head (7); a cylinder defined axially by the cylinder head (7); a first piston (3) which is guided with an axial sliding movement in the cylinder and which is secured to a transmission mechanism; a second piston (4) which is guided with an axial sliding movement and which is arranged between the first piston (3) and the cylinder head (7); and means for the controlled introduction of a fluid between the two pistons (3, 4) so as to separate the two pistons by a control chamber (22) having a variable volume.

IPC 8 full level

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