Title (en)

ARRANGEMENT IN A COMBUSTION ENGINE WITH INTERNAL COMBUSTION

Title (de)

VORRICHTUNG IN EINEM VERBRENNUNGSMOTOR

Title (fr)

SYSTEME DE MOTEUR A COMBUSTION INTERNE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO9849436A1] A combustion engine (10) having internal combustion, comprises a number of engine cylinders (21), which are arranged in an annular series around a common middle drive shaft (11). Each cylinder includes a pair of pistons (44, 45) movable towards and away from each other and a common, intermediate working chamber (K) for each pair of pistons. Each piston (44, 45) is equipped with its piston rod (48, 49) with associated support roller (53) which forms a support against its respective "sine" - curve shaped cam guide device (12a, 12b), which controls movements of the piston relative to the associated cylinder. A least the one (44) of the two pistons (44, 45) in each cylinder (21) is regulatably adjustable axially in the cylinder especially for regulating the compression ratio in the common working chamber (K).

IPC 1-7

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