

Title (en)

CONNECTION BETWEEN TWO SHAFT ENDS, POSITIONED COAXIALLY ONE BEHIND THE OTHER, OF A GAS SHUTTLE VALVE IN AN INTERNAL COMBUSTION ENGINE AND A VALVE ACTUATOR

Title (de)

VERBINDUNG ZWISCHEN ZWEI KOAXIAL HINTEREINANDER ANGEORDNETEN SCHAFTENDEN EINES GASWECHSELVENTILS EINER BRENNKRAFTMASCHINE UND EINES VENTILSTELLERS

Title (fr)

CONNEXION ENTRE DEUX EXTREMITES D'ARBRE, PLACEES L'UNE APRES L'AUTRE DE MANIERE COAXIALE, D'UNE SOUPAPE D'ECHANGE GAZEUX D'UN MOTEUR A COMBUSTION INTERNE ET UN ACTIONNEUR DE SOUPAPE

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Application

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Abstract (en)

[origin: WO0210558A1] The invention relates to a connection between two shaft ends (8, 10), positioned coaxially one behind the other, of a gas shuttle valve (1) in an internal combustion engine, and a piston rod (2) of a valve actuator (4), by means of at least one coupling body (14), which at least partially surrounds the shaft ends (8, 10). The aim of the invention is to create static frictional contact between each of the shaft ends (8, 10) and the coupling body (14), said contact transmitting the actuating displacement of the valve actuator (4) to the gas shuttle valve (1) without slippage. To achieve this, said coupling body is tensioned radially against the two shaft ends (8, 10), by the action of at least one tensioning body (34, 36). This both increases the durability of the connection and simplifies its assembly and disassembly.

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IPC 8 full level

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