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(54) Title: METHOD FOR CONTROLLING MACHINE PISTON MOVEMENT, IMPLEMENTING DEVICE AND BALANCING OF SAID DEVICE

(54) Titre: PROCÉDE DE CONTRÔLE DU MOUVEMENT DE PISTON DE MACHINE, DISPOSITIF DE MISE EN OEUVRE ET EQUILIBRAGE DU DISPOSITIF

(57) Abstract

The invention concerns a method for controlling a machine piston movement for carrying out operations such as gas transfer in engines with independent combustion chamber or such as ignition and combustion in standard engines, at a constant volume by stopping the piston and maintaining it in its upper dead centre position for a time interval. The invention also concerns an implementing device wherein the piston (1) is controlled by a pressure lever (3, 4) which is itself controlled by a crankshaft (9) and a connecting rod (7).

(57) Abrégé

Procédé de contrôle du mouvement de piston de machine permettant d'effectuer des opérations telles que transfert de gaz dans les moteurs à chambre de combustion indépendante ou telles que allumage et combustion dans les moteurs classiques, à volume constant en arrêtant le piston et en le maintenant à sa position de point mort haut durant une période de temps et dispositif de mise en oeuvre dans lequel le piston (1) est commandé par un levier à pression (3, 4) lui-même commandé par un vilebrequin (9) et une manivelle (7).

