

Title (en)

DEVICE FOR VARIABLE ACTUATION OF THE GAS EXCHANGE VALVES IN INTERNAL COMBUSTION PISTON ENGINES

Title (de)

VORRICHTUNG ZUR VARIABLEN BETÄTIGUNG DER LADUNGSWECHSELVENTILE IN HUBKOLBENMOTOREN

Title (fr)

DISPOSITIF POUR ACTIONNER DE MANIERE VARIABLE LES SOUPAPES DE CHANGEMENT DE CHARGE DANS DES MOTEURS A PISTON ALTERNATIF

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Application

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Priority

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Abstract (en)

[origin: WO03054362A1] The invention relates to a revolving gear consisting of a housing (G), a shaft (W), an intermediate member (Z) and an output member (A). The shaft is revolvably guided in the housing in a rotating joint (wb) and actuates the intermediate member by means of a curved joint (zw). The intermediate member is supported by a curved joint (zg) in the housing and is actively connected to the output member by another curved joint (za). The curved joint between the intermediate member and the housing has a controlling section enabling movement to be transmitted to the output member and a locking section preventing movement from being transmitted to the output member. The output member is unequivocally guided in the housing and transmits movement to at least one valve (V).

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