

Title (en)

Exhaust gas recirculation valve for combustion engines

Title (de)

Abgasrückführventil für Brennkraftmaschinen

Title (fr)

Valve de recirculation de gaz d'échappement pour moteurs à combustion

Publication

EP 0964147 A2 19991215 (DE)

Application

EP 99110259 A 19990527

Priority

DE 19825656 A 19980609

Abstract (en)

The ring surface (16) of the valve member (15) is formed on an axially projecting ring union (40) of the valve member. The valve seat surface (14) is arranged on the under side of a housing part (11). Exhaust gas is fed from beneath in the direction of the valve seat surface. The valve member is arranged on the under side of the housing part and is locatable from beneath to the valve seat surface. The under side valve seat surface is formed as an inclined surface (44), which narrows in a blunt conical manner in the axial direction turned away from the valve member. Likewise, the upper side ring surface of the valve member is formed as an inclined surface (46), which narrows in a blunt conical manner in the axial direction facing the valve seat surface.

Abstract (de)

Die Erfindung bezieht sich auf ein Abgasrückführventil (10) für Brennkraftmaschinen, das einen Ventildurchlaß (13) mit Ventilsitzfläche (14) und ein Ventilglied (15) mit einer der Ventilsitzfläche (14) zugeordneten und zugewandten Ringfläche (16) aufweist. Die Ringfläche (16) des Ventilgliedes (15) ist an einem axial überstehenden Ringbund (40) auf der Oberseite des Ventilgliedes (15) ausgebildet, während die Ventilsitzfläche (14) des Gehäuseteils (11) auf deren unterer Seite vorgesehen ist. <IMAGE>

IPC 1-7

F02M 25/07

IPC 8 full level

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CPC (source: EP)

F02M 26/50 (2016.02); **F02M 26/53** (2016.02); **F02M 26/68** (2016.02)

Citation (applicant)

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