

Title (en)
Throttle device for combustion engines

Title (de)
Drosselvorrichtung für Brennkraftmotoren

Title (fr)
Dispositif d'étranglement pour moteurs à combustion

Publication
EP 0745761 A2 19961204 (DE)

Application
EP 96104575 A 19960322

Priority
DE 19520301 A 19950602

Abstract (en)
The control device (6,17,18) for the effective suction cross-section of the intake tube (2) includes the adjustment device (8,10,11,13) for idling. The adjustment device can be regulated for a fine adjustment of the idling suction cross-section. The control device for the effective suction cross-section incorporates a movable throttle piston (6). The intake tube has a cross-section narrowing (3), whereby the throttle piston in the area of larger cross-section (5) is axially (P) displaceable in the intake tube. The cross-section narrowing has a continuous course. The throttle piston is mechanically displaceable via an operating device (17,18) penetrating the intake tube wall.

Abstract (de)
Es wird eine Drosselvorrichtung (1) für Brennkraftmotoren vorgeschlagen, die keinen separaten Leerlaufsteller und keine Bypass-Leitung für den Leerlauf benötigt. Dies wird erfindungsgemäß dadurch erreicht, daß die Steuermittel (3, 4, 6) zur Steuerung des effektiven Ansaugquerschnitts des Ansaugrohres Einstellmittel (8 bis 13) für den Leerlauf umfassen. <IMAGE>

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