

Title (en)  
A throttle mechanism

Title (de)  
Ein Drosselmechanismus

Title (fr)  
Un mécanisme à étranglement

Publication  
**EP 0628712 B1 19980408 (EN)**

Application  
**EP 94201458 A 19940524**

Priority  
GB 9311882 A 19930609

Abstract (en)  
[origin: EP0628712A1] A throttle mechanism (10) for an engine of a motor vehicle comprising a throttle body (12) having an inner wall (36) defining a bore (38) extending therethrough and an outer wall (40), the bore having a longitudinal axis (X); a shaft (14) extending across the bore and having a longitudinal axis (Y) substantially perpendicular to the longitudinal axis of the bore, the shaft being rotatably mounted in the inner wall of the throttle body for pivotal movement about the longitudinal axis of the shaft, at least one end (42) of the shaft passing through the inner wall to extend beyond the outer wall; a flap valve (16) secured to the shaft inside the bore for movement between a fully open position and a substantially closed position on rotation of the shaft; a lever arm (18) secured to the said at least one end of the shaft adjacent the outer wall; and a throttle linkage (20) pivotally connected to one end of the lever arm and pivotally connected to the outer wall of the throttle body at one or the other of two positions (130,132) which are diametrically opposed relative to the longitudinal axis of the shaft and substantially equidistantly spaced therefrom. <IMAGE> <IMAGE>

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**F02D 9/10**; **F02D 11/04**

IPC 8 full level  
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