

Title (en)
A throttle mechanism

Title (de)
Ein Drosselmechanismus

Title (fr)
Un mécanisme à étranglement

Publication
EP 0628710 B1 19980408 (EN)

Application
EP 94201457 A 19940524

Priority
GB 9311883 A 19930609

Abstract (en)
[origin: EP0628710A1] 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; means (18,20) secured to the said at least one end of the shaft adjacent the outer wall for rotating the shaft; and fluid heating means (34) comprising a recess (96) formed in the outer wall of the throttle body; a plate member (98) sealably secured to the outer wall to cover the recess; an inlet pipe (102) and an outlet (104) pipe extending through the plate member to allow fluid to pass through the inlet pipe into the recess and out through the outlet pipe; and securing means (110-116) engageable with the peripheral edge (108) of the plate member to secure the plate member to the outer wall and to determine the position of the inlet and outlet pipes relative to the throttle body. <IMAGE> <IMAGE>

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IPC 8 full level
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