

Title (en)

Throttle valve body for a fuel admission device for an engine.

Title (de)

Drosselklappenstutzen für eine Brennstoffzufuhrvorrichtung für Brennkraftmaschine.

Title (fr)

Corps de papillon pour dispositif d'alimentation en combustible pour moteur.

Publication

**EP 0517584 B1 19950104 (FR)**

Application

**EP 92401514 A 19920603**

Priority

FR 9106801 A 19910605

Abstract (en)

[origin: EP0517584A1] A butterfly valve (choke) body for an injection device comprises a casing in which an inlet duct (10) is made containing a butterfly valve (choke) (14) in the form of a substantially circular disc mounted on a median shaft (12) for rotation about an axis transverse to the duct and which can move between a minimum, or possibly zero, opening position and a maximum opening position in which the butterfly valve (choke) is oriented parallel to the axis of the duct. The inlet duct also contains a shutter (22) mounted rotationally about a spindle (24) parallel to the spindle of the offset butterfly valve (choke). The shutter has dissymmetry so that the air passing through the inlet duct tends to bring one of its wings (28) into a position in which it blocks part of the inlet duct. The shutter has a mechanical link with the butterfly valve (choke) which causes the progressive forced opening of the shutter when the movement of the butterfly valve (choke) from its minimum position exceeds a specified angle.  
<IMAGE>

IPC 1-7

**F02D 9/10**

IPC 8 full level

**F02D 9/10** (2006.01)

CPC (source: EP)

**F02D 9/102** (2013.01); **F02D 9/104** (2013.01)

Designated contracting state (EPC)

DE ES GB IT

DOCDB simple family (publication)

**EP 0517584 A1 19921209; EP 0517584 B1 19950104**; DE 69201109 D1 19950216; DE 69201109 T2 19950614; ES 2067307 T3 19950316; FR 2677406 A1 19921211; FR 2677406 B1 19931008

DOCDB simple family (application)

**EP 92401514 A 19920603**; DE 69201109 T 19920603; ES 92401514 T 19920603; FR 9106801 A 19910605