

Title (en)

Method of making a throttle valve housing and throttle valve housing obtained thereby

Title (de)

Verfahren zur Herstellung eines Gehäuses für einen Drosselklappenstutzen sowie Drosselklappenstutzen

Title (fr)

Procédé pour fabriquer un corps de papillon et corps de papillon ainsi obtenu

Publication

EP 1154138 B1 20030521 (DE)

Application

EP 01107670 A 20010328

Priority

DE 10023348 A 20000512

Abstract (en)

[origin: EP1154138A2] The housing is injection-molded from plastic, and has a metal cylinder (28) partially enclosed by the plastic to form the throttle aperture. An expander core (50) is pressed against the inner surface (33) of the cylinder before injection molding and partially supports it during the process. After completion of the molding, the outer periphery of the core is reduced to remove it out of the cylinder interior (70). The expander core consists of an expander unit (58) and an outer jacket (54) partially enclosing it.

IPC 1-7

F02D 9/10

IPC 8 full level

F02D 9/10 (2006.01)

CPC (source: EP KR US)

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Cited by

KR100753254B1; GB2439316B; DE102013006196A1; DE102013006196B4; US10570933B2; WO2017037171A1

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