

Title (en)

Intake conduit for an internal combustion engine

Title (de)

Saugrohr für eine Brennkraftmaschine

Title (fr)

Tube d'aspiration pour un moteur à combustion interne

Publication

**EP 1191218 A3 20030102 (DE)**

Application

**EP 01120452 A 20010828**

Priority

DE 10047197 A 20000923

Abstract (en)

[origin: EP1191218A2] The induction pipe includes an elastomer umbrella valve (2) acting as a pressure relief valve held in place in a shaft housing hole by a retaining component. The retaining component is formed by an elastically flexible clip (26) held on the induction pipe and in the installed position pretensioned against the relief valve. The opening characteristic of the relief valve is influenced depending upon the degree of pretensioning, the material and the geometry of the clip.

IPC 1-7

**F02M 35/10**

IPC 8 full level

**F02M 35/10** (2006.01)

CPC (source: EP)

**F02M 35/10144** (2013.01); **F02M 35/10236** (2013.01); **F02M 35/10301** (2013.01); **F02M 35/10321** (2013.01); **F02M 35/10347** (2013.01)

Citation (search report)

- [AD] DE 19625768 A1 19980102 - PIERBURG AG [DE]
- [A] US 5186198 A 19930216 - KENNEDY PAUL G [US]
- [A] US 5129426 A 19920714 - BOEHMER DENNIS A [US]

Cited by

EP2305992A3

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

**EP 1191218 A2 20020327**; **EP 1191218 A3 20030102**; **EP 1191218 B1 20040407**; AT E263921 T1 20040415; DE 10047197 A1 20020425; DE 50101894 D1 20040513

DOCDB simple family (application)

**EP 01120452 A 20010828**; AT 01120452 T 20010828; DE 10047197 A 20000923; DE 50101894 T 20010828