

Title (en)

SUCTION DEVICE FOR AN INTERNAL-COMBUSTION ENGINE

Publication

**EP 0280122 B1 19911016 (DE)**

Application

**EP 88102019 A 19880211**

Priority

DE 3705765 A 19870224

Abstract (en)

[origin: EP0280122A2] A suction device for internal combustion engines is fitted with a burst protection device to prevent damage from emissions of fuel-air mixtures in the suction device. The burst protection device preferably comprises a separate aperture for the suction device and a flexible, lip-like sealing element which, when preloaded, interacts with a boundary of the aperture in such a way that the sealing element can be brought by burst pressure from an intake-vacuum sealing disposition into a position remote from the boundary for an outflow cross section. <IMAGE>

IPC 1-7

**F02B 77/08**; **F02F 11/00**; **F02M 35/10**

IPC 8 full level

**F02B 77/08** (2006.01); **F02F 11/00** (2006.01); **F02M 35/10** (2006.01)

CPC (source: EP)

**F02B 77/08** (2013.01); **F02F 11/00** (2013.01); **F02M 35/10144** (2013.01); **F02M 35/10236** (2013.01); **F05C 2225/08** (2013.01)

Cited by

EP0571663A1; CN108104997A; EP1195513A3; FR2793525A1; EP1211409A1; DE19625768B4; US6298816B1; WO0125611A1; EP0816668B1

Designated contracting state (EPC)

DE ES FR GB IT SE

DOCDB simple family (publication)

**EP 0280122 A2 19880831**; **EP 0280122 A3 19891206**; **EP 0280122 B1 19911016**; DE 3705765 A1 19880901; DE 3705765 C2 19890615; DE 3865453 D1 19911121; ES 2026955 T3 19920516

DOCDB simple family (application)

**EP 88102019 A 19880211**; DE 3705765 A 19870224; DE 3865453 T 19880211; ES 88102019 T 19880211