

Title (en)
SUCTION DEVICE FOR AN INTERNAL-COMBUSTION ENGINE

Publication
EP 0280122 A3 19891206 (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>

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

IPC 8 full level
F02B 77/08 (2006.01); **F02F 11/00** (2006.01); **F02M 35/10** (2006.01)

CPC (source: EP)
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Citation (search report)
• [X] DE 2526550 A1 19761223 - PORSCHE AG
• [X] DE 473369 C 19290314 - ALEXANDER JEZEKIL LIBERMAN
• [X] DE 408212 C 19250114 - JAMES FRENTRICK BATES

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

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