

Title (en)  
ELECTRIC VACUUM REGULATOR

Publication  
**EP 0124399 A3 19860129 (EN)**

Application  
**EP 84400623 A 19840328**

Priority  
US 48112683 A 19830401

Abstract (en)  
[origin: EP0124399A2] An electric vacuum regulator (EVR) (20) in response to a pulsed electric signal regulates its output vacuum value. The pulsed electric signal, which is generally generated in an electronic control unit (26), is typically duty cycled so as to mix input vacuum with some other source of air pressure, such as atmospheric, to achieve the desired level of output vacuum.

IPC 1-7  
**F02M 25/06**; **F16K 31/06**; **G05D 16/20**

IPC 8 full level  
**F16K 31/06** (2006.01); **F02D 35/00** (2006.01); **F02M 25/07** (2006.01)

CPC (source: EP)  
**F02M 26/57** (2016.02)

Citation (search report)

- [XP] EP 0077599 A1 19830427 - BORG WARNER [US]
- [X] US 4005733 A 19770201 - RIDDEL JOHN W
- [A] PATENT ABSTRACTS OF JAPAN, vol. 7, no. 68 (M-201)[1213], 19th March 1983; & JP - A - 57 208 378 (NIPPON DENSO K.K.) 21-12-1982

Cited by  
US4850384A; EP0743444A1; US5722632A; US4793372A; CN102128104A; FR2573812A1

Designated contracting state (EPC)  
DE FR GB IT

DOCDB simple family (publication)  
**EP 0124399 A2 19841107**; **EP 0124399 A3 19860129**; AU 2586284 A 19841004; CA 1252680 A 19890418; JP S59190453 A 19841029

DOCDB simple family (application)  
**EP 84400623 A 19840328**; AU 2586284 A 19840319; CA 449374 A 19840312; JP 6128184 A 19840330