

Title (en)

Vacuum control and cutoff apparatus for a pneumatic duct

Title (de)

Unterdrucksteuer- und Absperraggregat einer pneumatischen Leitung

Title (fr)

Dispositif de commande et d'arrêt de dépression pour un conduit pneumatique

Publication

EP 0872647 A3 19990317 (EN)

Application

EP 98830197 A 19980331

Priority

IT TO970322 A 19970417

Abstract (en)

[origin: EP0872647A2] The invention is directed to a vacuum control and cutoff apparatus for a pneumatic duct (2) connecting a vacuum generator and a vacuum user device to each other. The apparatus is constituted by a closure member (11) of the duct (2), controlled by a fluid under pressure whose flow is in turn controlled by an interception member (5) which is operated by the vacuum amount within the duct (2). The interception member (5) switches over the state of a signalling device (14) which may transmit to other apparatuses the information related to the vacuum condition of the devices connected to the duct (2). <IMAGE>

IPC 1-7

F15B 20/00

IPC 8 full level

F15B 20/00 (2006.01)

CPC (source: EP)

F15B 20/00 (2013.01)

Citation (search report)

- [A] DE 4330640 A1 19950316 - SCHMALZ J GMBH [DE]
- [A] EP 0336799 A1 19891011 - APPLIC PROCEDES ELECTRONIQUE [FR]
- [A] US 4950016 A 19900821 - KUMAR VIRARAGHAVAN S [US]
- [A] DE 4238286 A1 19940519 - PETER W BAUKHAGE GMBH [DE]

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 0872647 A2 19981021; EP 0872647 A3 19990317; EP 0872647 B1 20010523; AT E201382 T1 20010615; DE 69800818 D1 20010628; DE 69800818 T2 20010913; IT 1293886 B1 19990311; IT TO970322 A1 19981017

DOCDB simple family (application)

EP 98830197 A 19980331; AT 98830197 T 19980331; DE 69800818 T 19980331; IT TO970322 A 19970417