

Title (en)

Pneumatic double acting piston and cylinder device.

Title (de)

Doppeltwirkende Druckluft-Kolben- und -Zylindervorrichtung.

Title (fr)

Dispositif pneumatique comportant piston et cylindre à double effet.

Publication

EP 0246736 A1 19871125 (EN)

Application

EP 87302404 A 19870320

Priority

DE 3609765 A 19860322

Abstract (en)

A double-acting operating cylinder is disclosed, particularly useful for ventilating devices. The cylinder is of the positive-lock type with pneumatically operated piston locks at each end of the stroke. The locking device is designed in such a way that the working pressure is applied to the piston only after it has been unlocked.

IPC 1-7

A62C 3/14; F15B 15/26

IPC 8 full level

F15B 15/26 (2006.01)

CPC (source: EP)

F15B 15/261 (2013.01)

Citation (search report)

- [YD] DE 2036716 A1 19720127
- [Y] DE 3018920 A1 19811126 - ANDEXER ROLF FA [DE]
- [A] US 3889576 A 19750617 - SHEFFER HARVEY I, et al

Cited by

EP1788257A3; EP0335504B1

Designated contracting state (EPC)

AT BE CH DE FR GB LI LU NL

DOCDB simple family (publication)

EP 0246736 A1 19871125; EP 0246736 B1 19910220; AT E60938 T1 19910315; AU 589505 B2 19891012; AU 7015987 A 19870924; DE 3609765 A1 19870924; DE 3768049 D1 19910328

DOCDB simple family (application)

EP 87302404 A 19870320; AT 87302404 T 19870320; AU 7015987 A 19870318; DE 3609765 A 19860322; DE 3768049 T 19870320