

Title (en)
Cylinder head

Title (de)
Zylinderkopf

Title (fr)
Culasse de cylindre

Publication
EP 1211417 A3 20031203 (DE)

Application
EP 01128326 A 20011129

Priority
DE 10059473 A 20001130

Abstract (en)
[origin: EP1211417A2] The double-mouth valve for a compressor head used in an inhalation therapy apparatus is of rubber or other elastic plastic and has a cylindrical end (6.1) with a circular opening. The cylindrical end is surrounded by a plate-shaped edge (6.2). The opposite end (6.3) of the valve has two crossways arranged valve opening edges (6.4, 6.5). In the rest state, both of these edges are closed. When compressed air flows into the cylindrical end of the valve, the valve openings open along the edges (6.4, 6.5) due to the valve vanes (6.7, 6.6, 6.8, 6.9) being braced apart.

IPC 1-7
F04B 39/10

IPC 8 full level
F04B 39/10 (2006.01)

CPC (source: EP US)
F04B 39/10 (2013.01 - EP US); **F04B 39/1013** (2013.01 - EP US)

Citation (search report)

- [Y] DE 19536860 A1 19970403 - RITZAU PARI WERK GMBH PAUL [DE]
- [Y] US 4492253 A 19850108 - RAFTIS SPIROS G [US]
- [DA] US 5092224 A 19920303 - ROZEK ROY J [US]
- [DA] US 3961868 A 19760608 - DROEGE SR ARTHUR JOHN, et al

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
EP 1211417 A2 20020605; EP 1211417 A3 20031203; US 2002166444 A1 20021114

DOCDB simple family (application)
EP 01128326 A 20011129; US 99921301 A 20011130