

Title (en)
BREATHING AID APPARATUS

Title (de)
APPARAT ZUR UNTERSTÜTZUNG DER ATMUNG

Title (fr)
APPAREIL D'ASSISTANCE RESPIRATOIRE

Publication
EP 1343551 A1 20030917 (FR)

Application
EP 01272206 A 20011220

Priority
• EP 01272206 A 20011220
• EP 00811237 A 20001222
• IB 0102627 W 20011220

Abstract (en)
[origin: EP1219315A1] The respiratory assistance apparatus has a compressor (1) with a compression chamber (1) divided into two compartments (3,4) connected to an inlet for air or respirator gas and a vent (6,8) for compressed air. The compartments are divided using a floating diaphragm (2) fixed at its periphery and connected at its centre to a drive spool (14). The spool is mounted in a core (E).

IPC 1-7
A61M 16/00

IPC 8 full level
G01F 1/00 (2006.01); **A61M 16/00** (2006.01); **F04B 45/04** (2006.01); **F04B 45/047** (2006.01)

CPC (source: EP US)
A61M 16/0057 (2013.01 - EP US); **A61M 16/0063** (2014.02 - EP US)

Citation (search report)
See references of WO 02051484A1

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 1219315 A1 20020703; EP 1343551 A1 20030917; JP 2004516113 A 20040603; US 2004035425 A1 20040226; US 6820620 B2 20041123; WO 02051484 A1 20020704

DOCDB simple family (application)
EP 00811237 A 20001222; EP 01272206 A 20011220; IB 0102627 W 20011220; JP 2002552625 A 20011220; US 46419403 A 20030618