

Title (en)

METHOD FOR PROVIDING GAS MIXTURES FOR RESPIRATORS AND METHOD FOR CARRYING OUT SAID METHOD

Title (de)

VERFAHREN ZUM BEREITSTELLEN VON GASGEMISCHEN FÜR BEATMUNGSGERÄTE SOWIE VORRICHTUNG ZUR DURCHFÜHRUNG DIESES VERFAHRENS

Title (fr)

PROCEDE POUR PREPARER DES MELANGES GAZEUX POUR DES APPAREILS RESPIRATOIRES ET DISPOSITIF POUR REALISER CE PROCEDE

Publication

EP 1817069 A1 20070815 (DE)

Application

EP 05812811 A 20051130

Priority

- AT 2005000479 W 20051130
- AT 20192004 A 20041201

Abstract (en)

[origin: WO2006058354A1] The invention relates to a method for providing gas mixtures for respirators, according to which a plurality of different gases is fed to a mixing chamber (8) via selector valves (VL, VO). Said selector valves (VL, VO) are timed to open and close and the pressure in the mixing chamber (8) is monitored. The different gases are respectively conducted by means of a plurality of parallel selector valves (VL, VO), said valves (VL, VO) being controlled in such a way that a number of selector valves, corresponding to a coarse mixing ratio of the gases, are opened and closed synchronously and each selector valve (VL, VO) is assigned to a different gas.

IPC 8 full level

A61M 16/12 (2006.01); **A61M 16/20** (2006.01); **G05D 7/06** (2006.01); **G05D 11/13** (2006.01); **A61M 16/10** (2006.01)

CPC (source: EP US)

A61M 16/12 (2013.01 - EP US); **A61M 16/202** (2014.02 - EP US); **G05D 7/0652** (2013.01 - EP US); **G05D 11/133** (2013.01 - EP US); **A61M 2016/1025** (2013.01 - EP US)

Designated contracting state (EPC)

DE FR GB IT PL

DOCDB simple family (publication)

WO 2006058354 A1 20060608; CN 101111277 A 20080123; EP 1817069 A1 20070815; US 2008127975 A1 20080605

DOCDB simple family (application)

AT 2005000479 W 20051130; CN 200580047619 A 20051130; EP 05812811 A 20051130; US 79197305 A 20051130