

Title (en)
ANAESTHESIA BREATHING SYSTEM

Title (de)
NARKOSEBEATMUNGSSYSTEM

Title (fr)
SYSTÈME DE RESPIRATION SOUS ANESTHÉSIE

Publication
EP 2205304 A1 20100714 (DE)

Application
EP 08801977 A 20080910

Priority
• EP 2008007405 W 20080910
• EP 07017682 A 20070910
• EP 08801977 A 20080910

Abstract (en)
[origin: EP2033680A1] The device has a support filter (1) adsorbing and desorbing xenon. A line (2) is connected to the filter for guiding a respiratory gas mixture containing xenon in a flow direction by the filter, where a portion of the xenon remains in the filter. A line (3) is connected to the filter for guiding another respiratory gas mixture in another flow direction in a direction of the patient, where a portion of the xenon remaining in the filter is taken up and carried by the latter mixture. An inlet pipe (4) is connected with the line (2) for guiding a xenon containing anesthetic into the line (2). Independent claims are also included for the following: (1) a xenon anesthesia breathing system comprising a device for recycling xenon (2) a method for recycling xenon from a respiratory gas mixture containing xenon in an anesthesia breathing system.

IPC 8 full level
A61M 16/10 (2006.01); **A61M 16/00** (2006.01); **A61M 16/12** (2006.01)

CPC (source: EP US)
A61M 16/009 (2013.01 - EP US); **A61M 16/0093** (2014.02 - EP US); **A61M 16/085** (2014.02 - EP US); **A61M 16/104** (2013.01 - EP US); **A61M 16/1045** (2013.01 - EP US); **A61M 16/12** (2013.01 - EP US); **A61M 16/106** (2014.02 - EP US); **A61M 16/22** (2013.01 - EP US); **A61M 2202/0291** (2013.01 - EP US)

Citation (examination)
EP 0455049 A1 19911106 - SIEMENS ELEMA AB [SE], et al

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
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DOCDB simple family (application)
EP 07017682 A 20070910; EP 08801977 A 20080910; EP 2008007405 W 20080910; JP 2010523340 A 20080910; US 67630908 A 20080910