

Title (en)  
MEDICAL GAS ALARM SYSTEM

Title (de)  
MEDIZINISCHES GASALARMSYSTEM

Title (fr)  
SYSTÈME D'ALARME DE GAZ MÉDICAL

Publication  
**EP 3134884 A4 20171220 (EN)**

Application  
**EP 15782328 A 20150423**

Priority  
• US 201461983170 P 20140423  
• US 2015027213 W 20150423

Abstract (en)  
[origin: CN106233350A] A medical gas alarm systems and associated methods are disclosed. A method of monitoring the medical gas system includes the steps of monitoring a characteristic of a medical gas system using at least one monitoring instrument positioned in a medical gas supply network; generating and sending a particular signal from the monitoring instrument to a CPU when the characteristic measured by the monitoring instrument passes a predetermined threshold; generating a fault signal from the CPU when the CPU determines that a fault condition has occurred; retrieving a stored message from the CPU in response to the fault signal, and in which the stored message other than the fault or threshold condition monitored by the instrument; and sending the stored message from the CPU to an output at a medical gas alarm module.

IPC 8 full level  
**G08B 21/00** (2006.01); **F17D 1/04** (2006.01); **G16H 40/67** (2018.01)

CPC (source: EP US)  
**A61M 16/0051** (2013.01 - EP); **A61M 16/021** (2017.07 - EP); **F17C 7/00** (2013.01 - EP); **G08B 21/12** (2013.01 - EP US); **G16H 40/20** (2017.12 - EP US); **G16H 40/67** (2017.12 - EP US); **A61M 2016/0027** (2013.01 - EP); **A61M 2016/003** (2013.01 - EP); **A61M 2016/102** (2013.01 - EP); **A61M 2205/18** (2013.01 - EP); **A61M 2205/3331** (2013.01 - EP); **A61M 2205/3368** (2013.01 - EP); **A61M 2205/3553** (2013.01 - EP); **A61M 2205/3561** (2013.01 - EP); **A61M 2205/3584** (2013.01 - EP); **A61M 2205/3592** (2013.01 - EP); **A61M 2205/505** (2013.01 - EP); **F17C 2221/011** (2013.01 - EP); **F17C 2221/014** (2013.01 - EP); **F17C 2221/031** (2013.01 - EP); **F17C 2223/035** (2013.01 - EP); **F17C 2225/0123** (2013.01 - EP); **F17C 2225/033** (2013.01 - EP); **F17C 2250/03** (2013.01 - EP); **F17C 2250/032** (2013.01 - EP); **F17C 2250/034** (2013.01 - EP); **F17C 2250/036** (2013.01 - EP); **F17C 2250/043** (2013.01 - EP); **F17C 2250/0439** (2013.01 - EP); **F17C 2250/0443** (2013.01 - EP); **F17C 2250/077** (2013.01 - EP); **F17C 2270/02** (2013.01 - EP)

Citation (search report)  
• [XII] US 2005275548 A1 20051215 - ABEL JOSEPH H [US], et al  
• [XII] US 2006290525 A1 20061228 - ANDERSEN DONALD P [US], et al  
• [A] EP 1983251 A2 20081022 - AIR LIQUIDE [FR]  
• See references of WO 2015164562A1

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

DOCDB simple family (publication)  
CN 106233350 A 20161214; EP 3134884 A1 20170301; EP 3134884 A4 20171220

DOCDB simple family (application)  
CN 201580021517 A 20150423; EP 15782328 A 20150423