

Title (en)  
GAS MEASUREMENT SYSTEM

Title (de)  
GASMESSSYSTEM

Title (fr)  
SYSTEME DE MESURE DU GAZ

Publication  
**EP 1991846 A2 20081119 (EN)**

Application  
**EP 07757886 A 20070305**

Priority  
• US 2007063278 W 20070305  
• US 36883206 A 20060306

Abstract (en)  
[origin: WO2007103855A2] A gas measurement system (100) of this invention includes a housing (250) adapted to be mounted on an airway adapter, and a luminescence quenching gas measurement assembly (236) disposed in the housing. The luminescence quenching gas measurement assembly includes a source (243) disposed in a first plane, and at least one detector (238, 239) also disposed in the first plane. A filter (233) is provided over the at least one detector to pass wavelengths of radiation related to luminescence quenching and substantially blocks others. An optical shield (234) is disposed around at least a portion of the source.

IPC 8 full level  
**A61B 5/083** (2006.01); **G01N 21/35** (2006.01); **G01N 21/61** (2006.01); **G01N 21/77** (2006.01)

CPC (source: EP)  
**A61B 5/0803** (2013.01); **A61B 5/0833** (2013.01); **A61B 5/0836** (2013.01); **G01J 3/02** (2013.01); **G01J 3/0205** (2013.01); **G01J 3/36** (2013.01); **G01N 21/3504** (2013.01); **G01N 21/77** (2013.01); **G01N 33/004** (2013.01); **G01N 21/314** (2013.01); **G01N 2021/6432** (2013.01); **G01N 2021/7786** (2013.01)

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA HR MK RS

DOCDB simple family (publication)  
**WO 2007103855 A2 20070913**; **WO 2007103855 A3 20090212**; BR PI0702864 A2 20110315; CN 101589302 A 20091125; CN 101589302 B 20110406; EP 1991846 A2 20081119; EP 1991846 A4 20110907

DOCDB simple family (application)  
**US 2007063278 W 20070305**; BR PI0702864 A 20070305; CN 200780000861 A 20070305; EP 07757886 A 20070305