

Title (en)
GAS ANALYZER

Title (de)
GASANALYSEGERÄT

Title (fr)
ANALYSEUR DE GAZ

Publication
EP 2352987 A1 20110810 (EN)

Application
EP 08878042 A 20081106

Priority
US 2008082671 W 20081106

Abstract (en)
[origin: WO2010053486A1] Gas analyzer systems and methods for measuring concentrations of gasses and in particular dry mole fraction of components of a gas. The systems and method allow for rapid measurement of the gas density and/or dry mole fraction of gases for a number of environmental monitoring applications, including high speed flux measurements. A novel coupling design allows for tool-free removal of a cell enclosing a flow path to enable in field cleaning of optical components.

IPC 8 full level
G01N 21/25 (2006.01); **G01D 21/02** (2006.01); **G01K 7/02** (2006.01); **G01L 7/00** (2006.01); **G01N 21/00** (2006.01); **G01N 21/01** (2006.01); **G01N 21/05** (2006.01); **G01N 21/35** (2006.01); **G01N 21/85** (2006.01)

CPC (source: EP)
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Cited by
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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

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WO 2010053486 A1 20100514; AU 2008363810 A1 20100514; CA 2742728 A1 20100514; CA 2742728 C 20130205; CN 102272577 A 20111207; EP 2352987 A1 20110810; EP 2352987 A4 20120328; JP 2012507734 A 20120329

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