

Title (en)  
FAST FIELD MUD GAS ANALYZER

Title (de)  
VORRICHTUNG ZUR SCHNELLEN FELDSCHLAMMGAS-ANALYSE

Title (fr)  
ANALYSEUR RAPIDE DE GAZ/BOUE SUR SITE

Publication  
**EP 3077809 A1 20161012 (EN)**

Application  
**EP 14867711 A 20141202**

Priority  

- US 201314094726 A 20131202
- EP 13306649 A 20131202
- US 2014068030 W 20141202
- EP 14867711 A 20141202

Abstract (en)  
[origin: WO2015084776A1] A fast field mud gas analyzer is presented. The fast field mud gas analyzer has a splitter system; a plurality of analytical lines composed of a micro chromatographic column and one or more detector; one or more heating element; and a computer system. The splitter system selectively applies a portion of an effluent sample flow through one or more outlets. The analytical lines are in fluid communication with the splitter system and receive at least a portion of the effluent sample flow. The micro chromatographic column separates portions of the effluent sample flow. The detector analyzes the separated portions and generates information indicative of analysis of the separated portions. The heating element heats the portion of the effluent sample flow within the analytical line. The computer system controls the splitter system and the one or more heating element and receives the information from the detectors.

IPC 8 full level  
**G01N 30/72** (2006.01)

CPC (source: EP)  
**G01N 30/30** (2013.01); **G01N 30/38** (2013.01); **G01N 30/466** (2013.01); **G01N 30/6095** (2013.01); **G01N 30/88** (2013.01); **G01N 33/2823** (2013.01); **G01N 2030/8854** (2013.01)

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

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**WO 2015084776 A1 20150611**; EP 3077809 A1 20161012; EP 3077809 A4 20170802

DOCDB simple family (application)  
**US 2014068030 W 20141202**; EP 14867711 A 20141202