

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 A4 20170802 (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 30/30** (2006.01); **G01N 30/38** (2006.01); **G01N 30/46** (2006.01); **G01N 30/60** (2006.01); **G01N 30/88** (2006.01); **G01N 33/28** (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)

Citation (search report)

- [X] WO 2011008798 A2 20110120 - SCHLUMBERGER CA LTD [CA], et al
- [X] WO 2011133721 A2 20111027 - TRICORNTech CORP [US], et al
- [X] WO 2013070954 A1 20130516 - UNIV MICHIGAN [US]
- [X] WO 03001196 A1 20030103 - GEOLOG S P A [IT], et al
- See references of WO 2015084776A1

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

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