

Title (en)
OPTICAL DETERMINATION AND REPORTING OF FLUID PROPERTIES

Title (de)
OPTISCHE BESTIMMUNG UND AUFZEICHNUNG VON FLUIDEIGENSCHAFTEN

Title (fr)
DÉTERMINATION OPTIQUE ET RAPPORT DE PROPRIÉTÉS DE FLUIDE

Publication
EP 2300802 A2 20110330 (EN)

Application
EP 09767768 A 20090618

Priority

- US 2009047856 W 20090618
- US 7340908 P 20080618
- US 43178809 A 20090429

Abstract (en)
[origin: WO2009155459A2] A chemical composition analyzer may be used to optically determine and report chemical compositions associated with fluids within a gas collection and transmission infrastructure. This analyzer includes a number of optical sensors which may be used to perform spectroscopic spectrographic analysis in order to determine the chemical composition of the fluid. Additionally other sensors may be used to measure other physical properties associated with the fluid. These sensors are tied to a data collection system wherein the output of the optical sensors and sensors used to measure the physical properties of the fluid may be combined and processed in order to determine in a nearly continuous fashion the chemical composition associated with the fluid at various locations within the fluid collection and transmission infrastructure. This real time compositional analysis may be used to determine valuations of the fluid or to optimize other processes or equipment configurations.

IPC 8 full level
G01N 21/39 (2006.01)

CPC (source: EP)
G01N 21/3504 (2013.01); **G01N 21/359** (2013.01); **G01N 21/85** (2013.01); **G01N 21/8507** (2013.01); **G01N 21/05** (2013.01); **G01N 21/3554** (2013.01); **G01N 2021/399** (2013.01); **G01N 2021/8578** (2013.01); **G01N 2201/1293** (2013.01)

Citation (search report)
See references of WO 2009155459A2

Designated contracting state (EPC)
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Designated extension state (EPC)
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DOCDB simple family (publication)
WO 2009155459 A2 20091223; AU 2009259934 A1 20091223; AU 2009259934 B2 20150423; AU 2015205890 A1 20150820; EP 2300802 A2 20110330

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US 2009047856 W 20090618; AU 2009259934 A 20090618; AU 2015205890 A 20150722; EP 09767768 A 20090618