

Title (en)

OPTICALLY ACTIVE FUNCTIONAL FLUID MARKERS

Title (de)

OPTISCH AKTIVE FUNKTIONELLE FLÜSSIGKEITSMARKER

Title (fr)

MARQUEURS DE FLUIDE FONCTIONNEL OPTIQUEMENT ACTIFS

Publication

EP 2376894 A1 20111019 (EN)

Application

EP 09768585 A 20091210

Priority

- US 2009067421 W 20091210
- US 13826408 P 20081217

Abstract (en)

[origin: WO2010077754A1] The present invention relates to a method of identifying in a fluid by measuring the amount of optical rotation the fluid causes in a beam of polarized light. The invention further provides for the use of an optional optically active marker in the fluids in order the impact the amount of rotation the fluid will cause. The invention provides a convenient and reliable means for identifying the fluid before, during and/or after the fluid's use.

IPC 8 full level

G01N 21/21 (2006.01); **G01N 33/26** (2006.01); **G09F 3/00** (2006.01)

CPC (source: EP)

G01N 21/211 (2013.01); **G01N 33/02** (2013.01)

Citation (search report)

See references of WO 2010077754A1

Citation (examination)

DALE L LAWLOR ET AL: "THE USE OF OPTICAL ACTIVITY MEASUREMENTS I N OIL SHALE PROCESSING", AM CHEM SOC DIV FUEL CHEM PREPR, 17 March 1978 (1978-03-17), ANAHEIM, CA, USA, pages 1 - 8, XP055405644, Retrieved from the Internet <URL:https://web.anl.gov/PCS/acsfuel/preprint archive/Files/23_2_ANAHEIM_03-78_0001.pdf> [retrieved on 20170912]

Designated contracting state (EPC)

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 SE SI SK SM TR

DOCDB simple family (publication)

WO 2010077754 A1 20100708; CN 102317757 A 20120111; CN 102317757 B 20150218; EP 2376894 A1 20111019; JP 2012512416 A 20120531; JP 2014206548 A 20141030

DOCDB simple family (application)

US 2009067421 W 20091210; CN 200980156748 A 20091210; EP 09768585 A 20091210; JP 2011542257 A 20091210; JP 2014157504 A 20140801