

Title (en)

A device to optimize the yield of oil wells

Title (de)

Vorrichtung zur Optimierung der Ergiebigkeit von Erdölquellen

Title (fr)

Un dispositif pour optimiser le rendement de puits de pétrole

Publication

**EP 0997608 A3 20011212 (EN)**

Application

**EP 99500161 A 19990914**

Priority

AR 9805214 A 19981020

Abstract (en)

[origin: EP0997608A2] A device which optimizes the yield of oil wells characterized by a piston stroke sensor (1) capable of measuring the parameters of the pump piston, a dynamometer (2) which shows performance and power used by the pump, a flowmeter sensor (3), a sensor which controls the operation parameters of the performance of the power engine (4), a degree of acidity gauge (5) of the extracted fluid, a degree of viscosity gauge (6), a salinity monitoring assembly of the extracted oil, a pressure and level fluid between columns sensor and a gas detector, all of them connected to the well monitoring assembly which processes the received data and which is connected to the monitoring base (D). <IMAGE>

IPC 1-7

**E21B 43/12**; **E21B 47/00**

IPC 8 full level

**E21B 43/12** (2006.01); **E21B 47/00** (2012.01)

CPC (source: EP)

**E21B 47/009** (2020.05)

Citation (search report)

- [A] US 5222867 A 19930629 - WALKER SR FRANK J [US], et al
- [A] US 5372482 A 19941213 - LONDON ROBERT K [US], et al
- [A] US 4799544 A 19890124 - CURLETT HARRY B [US]
- [A] US 5458466 A 19951017 - MILLS MANUEL D [US]
- [PX] US 5941305 A 19990824 - THRASHER WILLIAM B [US], et al

Cited by

CN102707704A; CN112664183A; GB2427661A; GB2427661B; WO2014040264A1; WO2015095456A1; US10753192B2; US7891237B2; US7500390B2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**EP 0997608 A2 20000503**; **EP 0997608 A3 20011212**

DOCDB simple family (application)

**EP 99500161 A 19990914**