

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 A2 20000503 (EN)

Application

EP 99500161 A 19990914

Priority

AR 9805214 A 19981020

Abstract (en)

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

IPC 8 full level

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

CPC (source: EP)

E21B 47/009 (2020.05)

Cited by

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

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