

Title (en)

LEAK DETECTION AND EARLY WARNING SYSTEM FOR CAPPED OR ABANDONED SUBSEA WELLHEADS

Title (de)

LECKDETEKTION UND FRÜHWARNSYSTEM FÜR VERSCHLOSSENE ODER AUFGEHASSENE UNTERWASSERBOHRLÖCHER

Title (fr)

SYSTÈME DE DÉTECTION DE FUITE ET D'ALERTE RAPIDE DESTINÉ À DES TÊTES DE Puits SOUS-MARINES PARÉES OU ABANDONNÉES

Publication

**EP 2635771 A1 20130911 (EN)**

Application

**EP 11820599 A 20110824**

Priority

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- US 2011048974 W 20110824

Abstract (en)

[origin: WO2012027476A1] A method and apparatus for acoustic detection of potential and actual leaks in pipelines, particularly in subsea valves and wellheads in the oil and gas industry via broadband acoustic emissions sensors, and a means for communicating the existence, location and severity of said leaks via an electronic signal processor to above-sea monitoring facilities via cellular or other means in a quick and efficient manner.

IPC 8 full level

**E21B 47/10** (2012.01)

CPC (source: EP)

**E21B 47/001** (2020.05); **G01M 3/243** (2013.01); **G01N 29/14** (2013.01); **G01N 29/225** (2013.01); **G01N 29/2481** (2013.01); **G01N 29/265** (2013.01); **H04Q 9/00** (2013.01); **H04Q 2209/886** (2013.01)

Citation (search report)

See references of WO 2012027476A1

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