

Title (en)
SYSTEMS AND METHODS FOR MONITORING A PARAMETER OF A SUBTERRANEAN FORMATION USING SWELLABLE MATERIALS

Title (de)
SYSTEME UND VERFAHREN ZUR ÜBERWACHUNG EINES PARAMETERS EINER UNTERIRDISCHEN FORMATION MIT QUELLFÄHIGEN STOFFEN

Title (fr)
SYSTÈMES ET PROCÉDÉS POUR SURVEILLER UN PARAMÈTRE D'UNE FORMATION SOUTERRAINE À L'AIDE DE MATÉRIAUX POUVANT GONFLER

Publication
EP 2611987 A2 20130710 (EN)

Application
EP 11752605 A 20110831

Priority
• US 87491710 A 20100902
• GB 2011001284 W 20110831

Abstract (en)
[origin: US2012055669A1] A system for monitoring a parameter of a subterranean formation using swellable materials is disclosed. The system may include a sensor device configured to detect a parameter of a subterranean formation. The system may also include a swellable material configured to position the sensor device toward a surface of the subterranean formation by swelling of the swellable material. The system may further include a telescoping section coupled to the sensor device and emplaced in the swellable material. The telescoping section may be configured to extend with the positioning of the sensor device.

IPC 8 full level
E21B 33/12 (2006.01); **E21B 47/01** (2012.01); **E21B 49/00** (2006.01)

CPC (source: EP US)
E21B 33/1208 (2013.01 - EP US); **E21B 47/01** (2013.01 - EP US); **E21B 49/00** (2013.01 - EP US)

Designated contracting state (EPC)
AL 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 RS SE SI SK SM TR

DOCDB simple family (publication)
US 2012055669 A1 20120308; AU 2011298154 A1 20130321; BR 112013005203 A2 20160503; CA 2810332 A1 20120308; CO 6650400 A2 20130415; EP 2611987 A2 20130710; MX 2013002447 A 20130628; RU 2013114473 A 20141010; WO 2012028848 A2 20120308; WO 2012028848 A3 20130411

DOCDB simple family (application)
US 87491710 A 20100902; AU 2011298154 A 20110831; BR 112013005203 A 20110831; CA 2810332 A 20110831; CO 13054051 A 20130319; EP 11752605 A 20110831; GB 2011001284 W 20110831; MX 2013002447 A 20110831; RU 2013114473 A 20110831