

Title (en)
PARAMETER SENSING AND MONITORING

Title (de)
PARAMETERMESSUNG UND ÜBERWACHUNG

Title (fr)
DÉTECTION ET SURVEILLANCE DE PARAMÈTRE(S)

Publication
EP 2635765 A2 20130911 (EN)

Application
EP 11785769 A 20111025

Priority
• GB 201018534 A 20101103
• GB 2011052070 W 20111025

Abstract (en)
[origin: WO2012059736A2] Apparatus and method for monitoring at least one parameter associated with an elongate structure are disclosed. The apparatus may include at least one elongate support body element arranged along a longitudinal structure axis associated with an elongate target structure; and at least one optic fibre element arranged substantially helically along a longitudinal body element axis associated with the at least one support body element. A method of manufacturing flexible pipe body is also disclosed.

IPC 8 full level
E21B 17/01 (2006.01); **E21B 47/00** (2012.01); **E21B 47/06** (2012.01); **E21B 47/12** (2012.01); **F16L 11/16** (2006.01)

CPC (source: EP US)
E21B 17/017 (2013.01 - EP US); **E21B 47/007** (2020.05 - EP US); **E21B 47/06** (2013.01 - US); **E21B 47/07** (2020.05 - EP US);
E21B 47/135 (2020.05 - EP US); **F16L 11/12** (2013.01 - EP US); **G01B 11/18** (2013.01 - EP US); **G01M 5/0025** (2013.01 - EP US);
G01M 5/0041 (2013.01 - EP US); **G01M 5/0091** (2013.01 - EP US); **Y10T 29/49826** (2015.01 - EP US)

Citation (search report)
See references of WO 2012059736A2

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)
WO 2012059736 A2 20120510; **WO 2012059736 A3 20121220**; AU 2011324918 A1 20130509; BR 112013010490 A2 20160802;
CA 2814590 A1 20120510; CN 103348087 A 20131009; EP 2635765 A2 20130911; GB 201018534 D0 20101215; US 2013208259 A1 20130815

DOCDB simple family (application)
GB 2011052070 W 20111025; AU 2011324918 A 20111025; BR 112013010490 A 20111025; CA 2814590 A 20111025;
CN 201180053214 A 20111025; EP 11785769 A 20111025; GB 201018534 A 20101103; US 201113880323 A 20111025