

Title (en)

OPTICAL DISTRIBUTED SENSING DEVICE AND METHOD FOR MEASUREMENTS OVER EXTENDED RANGES

Title (de)

OPTISCH VERTEILTE MESSVORRICHTUNG UND VERFAHREN FÜR MESSUNGEN ÜBER ERWEITERTE BEREICHE

Title (fr)

DISPOSITIF DE DÉTECTION OPTIQUE DISTRIBUÉ ET PROCÉDÉ DE MESURE SUR DES PLAGES ÉTENDUES

Publication

EP 3100005 A1 20161207 (EN)

Application

EP 14705291 A 20140127

Priority

EP 2014051515 W 20140127

Abstract (en)

[origin: WO2015110177A1] The present invention concerns a distributed optical sensing device for doing distributed measurements along a measurement path, comprising a plurality of optical fiber based distributed sensing elements (10) arranged along said measurement path, and first optical linking means connected to a first end of said distributed sensing elements (10) and able to transfer separately measurement optical signals (13) emerging from different distributed sensing elements (10) towards detection means (18). The present invention concerns also a method for doing distributed measurements along a measurement path device.

IPC 8 full level

G01D 5/353 (2006.01)

CPC (source: EP)

G01D 5/35364 (2013.01); **G01D 5/35383** (2013.01)

Citation (search report)

See references of WO 2015110177A1

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2015110177 A1 20150730; EP 3100005 A1 20161207

DOCDB simple family (application)

EP 2014051515 W 20140127; EP 14705291 A 20140127