Title (en)

Sensor cable and system

Title (de)

Sensorkabel und System

Title (fr)

Câble de capteur et système

Publication

EP 2804166 A1 20141119 (EN)

Application

EP 13167467 A 20130513

Priority

EP 13167467 A 20130513

Abstract (en)

A sensor cable is provided comprising a deformable signal line for transmitting a signal, and one or more rigid portions and one or more resilient portions for reversibly deforming the signal line in the cable under the influence of a varying external load on the cable and therewith affecting a signal transmission property of the signal line for transmitting the signal. A portion of the cable comprises an axis and a core extending along the axis, a portion of the signal line being helically wound around the core and the rigid and resilient portions being arranged for, under the influence of the varying external load on the sensor cable, reversibly deforming the signal line with respect to the axis.

IPC 8 full level

G08G 1/02 (2006.01)

CPC (source: EP)

G08G 1/02 (2013.01)

Citation (applicant)

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- WO 9826388 A1 19980618 - SOCOA INT HOLDING SA [LU], et al
- JP 2005184772 A 20050707 - OKI ELECTRIC IND CO LTD
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Citation (search report)

- [XAI] WO 02065426 A1 20020822 - QINETIQ LTD [GB], et al
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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)

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DOCDB simple family (application)

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