

Title (en)

MONITORING THE STRUCTURAL HEALTH OF COLUMNS AND LIKE STRUCTURES

Title (de)

ÜBERWACHUNG DES STRUKTURELLEN ZUSTANDS VON SÄULEN UND ÄHNLICHEN STRUKTUREN

Title (fr)

SURVEILLANCE DE LA SANTÉ STRUCTURELLE DE COLONNES ET DE STRUCTURES ANALOGUES

Publication

EP 3423804 A1 20190109 (EN)

Application

EP 17714501 A 20170228

Priority

- GB 201603561 A 20160301
- GB 2017000029 W 20170228

Abstract (en)

[origin: WO2017149267A1] apparatus for monitoring the structural health of a column or a stock of columns or a column or columns within that stock is disclosed in the application. The apparatus comprises a microcontroller located on the or each column which includes an integrated MEMS device programmed to measure and record accelerations, angular velocities and magnetic field strengths in X, Y and Z axes. The apparatus includes means for connecting said microcontroller to a source of power, and means operable to transmit said measured data to a central data hub and from there to a remote server for analysis using bespoke software.

IPC 8 full level

G01M 5/00 (2006.01); **G08C 17/00** (2006.01)

CPC (source: EP GB IL)

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Citation (search report)

See references of WO 2017149267A1

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DOCDB simple family (publication)

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