

Title (en)

SYSTEM FOR CONTINUOUSLY MONITORING THE INTEGRITY OF A STRUCTURE OR INFRASTRUCTURE

Title (de)

SYSTEM ZUR KONTINUIERLICHEN ÜBERWACHUNG DER INTEGRITÄT EINER STRUKTUR ODER INFRASTRUKTUR

Title (fr)

SYSTÈME POUR SURVEILLER DE MANIÈRE CONTINUE L'INTÉGRITÉ D'UNE STRUCTURE OU INFRASTRUCTURE

Publication

EP 3446092 A1 20190227 (EN)

Application

EP 17727378 A 20170420

Priority

- IT UA20162752 A 20160420
- IB 2017052269 W 20170420

Abstract (en)

[origin: WO2017182977A1] A system for monitoring the integrity of a structure or infrastructure, such as a building, a group of buildings, a bridge, a road, or a similar structure or infrastructure, comprising: sensor means operatively connected with the structure or infrastructure to detect at intervals of at least one value of at least one parameter related to the structure or infrastructure vibration; and data processing means operatively connected to the sensor means configured to compare at least one value detected by the sensor means or a value calculated by at least one other comparable value therewith in order to calculate a check value. The data processing means are configured to generate an alarm signal in case the check value is greater than or lower than at least one pre-determined or calculable threshold check value.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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BA ME

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