

Title (en)

Method and device for monitoring structures

Title (de)

Verfahren und Einrichtung zum Überwachen von Bauwerken

Title (fr)

Procédé et dispositif pour la surveillance de bâtiments

Publication

EP 1524404 A3 20080116 (DE)

Application

EP 04090381 A 20041007

Priority

DE 10347030 A 20031009

Abstract (en)

[origin: EP1524404A2] Process for monitoring a construction comprises detection, control and regulating modules (1) connected via communication pathways (3). The modules are connected to a tubular system (2) inserted into the building and pass values acquired by sensors (8) to central acquisition, evaluation and sensor modules (9) to determine air quality and physical and/or chemical fire characteristics so that ventilators (6) or other control elements for protecting the building and the people within can be controlled. An independent claim is also included for a device for carrying out the process.

IPC 8 full level

E21F 1/00 (2006.01); **E21F 17/00** (2006.01); **G08B 17/00** (2006.01); **G08B 21/12** (2006.01); **G08B 25/00** (2006.01)

CPC (source: EP)

E21F 17/00 (2013.01); **G08B 17/00** (2013.01); **G08B 21/12** (2013.01); **G08B 25/00** (2013.01)

Citation (search report)

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- [Y] EP 1006500 A2 20000607 - PITTWAY CORP [US]
- [X] US 4149159 A 19790410 - DATWYLER FRITZ, et al
- [A] DE 19904477 A1 20000810 - PREUSSAG AG MINIMAX [DE]
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Cited by

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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL HR LT LV MK

DOCDB simple family (publication)

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