

Title (en)
Building monitoring system based on optical waveguides

Title (de)
Gebäudeüberwachungssystem basierend auf Lichtleitern

Title (fr)
Système de surveillance de bâtiment à guide ondes optiques

Publication
EP 3046086 A1 20160720 (EN)

Application
EP 15275010 A 20150114

Priority
EP 15275010 A 20150114

Abstract (en)
Apparatus for monitoring a building having a plurality of rooms. A plurality of beacons is each arranged to transmit a light output signal. The apparatus also comprises a plurality of waveguides suitable for deployment in the building so that each of the plurality of rooms has at least one of the waveguides arranged to receive the light output signal from one or more of the beacons when said one or more of the beacons is active in that room. There is at least one signal capture unit arranged to receive, via the waveguides, the light output signals resulting from the beacons in the rooms. A signal processor is arranged to distinguish, in use, the light output signal from a first beacon in a first room from the light output signal from a second beacon in a second, different, room.

IPC 8 full level
G08B 13/186 (2006.01)

CPC (source: EP)
G08B 13/186 (2013.01)

Citation (applicant)
WO 2014041350 A1 20140320 - MBDA UK LTD [GB]

Citation (search report)
• [XDA] WO 2014041350 A1 20140320 - MBDA UK LTD [GB]
• [A] US 4379289 A 19830405 - PEEK S CHRISTOPHER
• [A] EP 0247940 A1 19871202 - COMMISSARIAT ENERGIE ATOMIQUE [FR]
• [A] DE 3436030 A1 19860417 - SCHUBERT PETER [DE]

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

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