

Title (en)

Method and system for remotely guarding an area by means of cameras and microphones.

Title (de)

Verfahren und System zur Fernüberwachung eines Bereichs mithilfe von Kameras und Mikrofonen

Title (fr)

Procédé et système de protection à distance d'une zone au moyen de caméras et de microphones

Publication

EP 2276007 A1 20110119 (EN)

Application

EP 09165782 A 20090717

Priority

EP 09165782 A 20090717

Abstract (en)

Method and system for remotely guarding an area by means of cameras and microphones at several locations within that area, which are connected to a central surveillance post, comprising the steps of displaying, at an observation screen, the various camera and microphone locations on a map of said area; enabling selective activation, e.g. by an operator, of camera images for zooming in; deriving, per microphone or group of microphones, an attention value based on the sound picked up by that sound source; and outputting, when the attention value passes a predetermined threshold value, a representation of the sound picked up by the sound source causing the threshold passage, called sound representation hereinafter, including an audible and/or visual representation of the location of the sound source causing the threshold passage, called location representation hereinafter. The sound representation may include fragmented parts of the sound picked up by the sound source, the fragmentation being such that the overall semantic intelligibility of the sound is reduced to a level which complies with the relevant privacy regulations related to eavesdropping. The sound representation may in addition be processed such that the intelligibility of the sound is reduced to a level which complies with the relevant privacy regulations related to eavesdropping. The location representation may be performed by means of spatial audible reproduction of the relevant sound representation in the vicinity of said observation screen and/or by means of visual display of the location of the sound source causing said threshold passage.

IPC 8 full level

G08B 25/14 (2006.01); **G08B 13/16** (2006.01)

CPC (source: EP)

G08B 13/1672 (2013.01); **G08B 13/19686** (2013.01); **G08B 13/19693** (2013.01); **G08B 13/19697** (2013.01)

Citation (applicant)

STEENEKEN, H. J. M.; HOUTGAST, T.: "A physical method for measuring speech-transmission quality", JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA, vol. 67, 1980, pages 318 - 326

Citation (search report)

- [Y] US 2007182819 A1 20070809 - MONROE DAVID A [US]
- [Y] WO 2007095994 A1 20070830 - BOSCH GMBH ROBERT [DE], et al
- [Y] GB 2408880 A 20050608 - SAFEHOUSE INTERNAT INC [US]
- [A] US 2005225634 A1 20051013 - BRUNETTI SAM [US], et al
- [A] WO 2005120071 A2 20051215 - L 3 COMM CORP [US], et al

Cited by

EP2819108A1; CN107257525A; EP3008529A4; US9747454B2; WO2014199263A1; US8167916B2; US8845695B2; US9532807B2; EP2325820A1; WO2011065822A1

Designated contracting state (EPC)

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 SE SI SK SM TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

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DOCDB simple family (application)

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