

Title (en)

ENHANCED ACOUSTIC MONITORING AND ALARM RESPONSE

Title (de)

VERBESSERTE AKUSTISCHE ÜBERWACHUNG UND ALARMANTWORT

Title (fr)

AMELIORATIONS APORTEES A LA SURVEILLANCE ACOUSTIQUE ET A LA REPONSE SOUS FORME D'ALARME

Publication

**EP 1913567 A4 20090415 (EN)**

Application

**EP 05773519 A 20050721**

Priority

- US 89811604 A 20040723
- US 89748704 A 20040723
- US 89748804 A 20040723
- US 89780304 A 20040723
- US 2005025952 W 20050721

Abstract (en)

[origin: WO2006012460A2] Method, system and device useful with conventional personal computers respond automatically to an identified alarm sound by sending a notification signal via the Internet only when a special sound monitoring program is active. Additionally, bedside detection of acoustic alarms is combined with enhanced waking devices to insure the waking of a child or hearing impaired person in response to an emergency. Home safety and security are provided using a bedside unit to monitor audible safety and security alarms and send notification signals to the appropriate communication site. A health monitoring method and system utilizes the bedside device to monitor breathing patterns and other health measuring signals and communicate these patterns and signals to a medical monitoring station.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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- [A] US 2005057353 A1 20050317 - BARRIEAU MARK P [US], et al
- [A] TOYODA Y ET AL: "Environmental sound recognition by multilayered neural networks", COMPUTER AND INFORMATION TECHNOLOGY, 2004. CIT '04. THE FOURTH INTERNATIONAL CONFERENCE ON, IEEE, LOS ALAMITOS, CA, USA, 14 September 2004 (2004-09-14), pages 123 - 127, XP010743231, ISBN: 978-0-7695-2216-6
- See references of WO 2006012460A2

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