

Title (en)

Remote sensor for monitoring departure from bed.

Title (de)

Fernsensor zur Überwachung des Weggangs vom Bett.

Title (fr)

Capteur à distance pour surveiller l'éloignement du lit.

Publication

EP 0529926 A1 19930303 (EN)

Application

EP 92307561 A 19920819

Priority

US 75049791 A 19910827

Abstract (en)

A bed monitoring system for sensing and remotely signalling the presence or absence of a person in bed in a hospital, nursing home, or home care environment includes a sensing pad positioned above the mattress and under the person. The sensing pad has a tape switch responsive to bend or distortion of the upper surface of the mattress resulting from the weight of the person. The remote signalling of the presence or absence of the person in bed uses power line carrier transmission interfaces to send and receive "bed occupied" and "bed unoccupied" signals over the standard AC power distribution wiring. The received signals are used to provide visual and audible indications and to activate lights in the monitored room as the person arises from bed.

IPC 1-7

G08B 21/00

IPC 8 full level

G08B 21/22 (2006.01)

CPC (source: EP)

G08B 21/22 (2013.01)

Citation (search report)

- [Y] US 4295133 A 19811013 - VANCE DWIGHT A
- [Y] WO 9010281 A1 19900907 - ARCUS VITA AB [SE]
- [YD] US 3694600 A 19720926 - KOENIG ROBERT H
- [A] EP 0107058 A1 19840502 - BED CHECK CORP [US]

Cited by

EP1744289A1; NL9300456A; EP2575263A1; GB2464965A; GB2464965B; GB2305761A; GB2305761B; US10251797B2; US10395769B2; WO9928882A1; WO9603727A1; US7504938B2

Designated contracting state (EPC)

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