

Title (en)
DEVICE FOR SENSING RESPIRATORY MOVEMENTS

Title (de)
GERÄT ZUR ERFASSUNG VON ATEMBEWEGUNGEN

Title (fr)
DISPOSITIF POUR LA DETECTION DE MOUVEMENTS RESPIRATOIRES

Publication
EP 0977511 A1 20000209 (FR)

Application
EP 98922849 A 19980421

Priority

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- FR 9705185 A 19970421

Abstract (en)
[origin: FR2762205A1] The invention concerns a device sensing an infant's respiratory movements which is placed in a child's bed and triggers a local and/or remote alarm signal on sensing that the infant has stopped breathing. The mattress (1) is divided in at least two parts (2, 3), with each of which are associated one or two piezoelectric sensors (4, 5; 6, 7), or any other type of force sensors. All the sensors are functionally connected to an electronic box (8), which comprises circuits combining the signals (S1, S2, S3, S4) coming from the different sensors (4 to 7). The functioning condition of the sensors (4 to 7) is thus detected and indicated by signalling means (10 to 13), thereby reducing any possibility of mistriggering.

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A61B 5/113

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