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Citing Patents

Title: Infant respiration and movement monitoring system - has controller receiving signals from first resonant sensor indicating movement of infant and uses signal processor to process respiration and movement related signals

Assignee: SENSITIVE TECHNOLOGIES LLC, TEODORESCU H

Inventor(s): TEODORESCU H, MLYNEK D J

Timespan=All Years. Databases=CDerwent, EDerwent, MDerwent.

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Assignee Names

- BOEING CO (7)
- ILIFE SYSTEMS INC (4)
- DONNELLY CORP (3)
- GEORGIA-PACIFIC CONSUMER PROD LP (3)
- HILL-ROM SERVICES INC (3)
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Assignee Codes

Inventors

IPC Codes

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51. EP1289147-A; US2003030566-A1; EP1289147-A1; ... 2003-439069
Title: Proximity or presence switch arrangement for robot, triggers counter measures if evaluation result of changes in parameters of generated oscillation signal exceed set value
Assignee: SENSTRONIC, SENSTRONIC SA
Inventor(s): SCHMIDT R
Citing Patents: 7
52. US2003035297-A1; US6832793-B2 2003-402059
Title: Trunk lid opening device for motor vehicle, has illumination system which periodically illuminates handle and control circuit which continues illumination when attempt is made to open handle from inside
Assignee: DONNELLY CORP
Inventor(s): BINGLE R L, KOOPS R L
Citing Patents: 5
53. WO2003030801-A; WO2003030801-A2; EP1432374-A2; ... 2003-372049
Title: Patient care incubator apparatus for caring for infants comprises a canopy to enclose the incubation chamber and a series of physiological sensors
Assignee: HILL-ROM SERVICES INC, BOONE O N, MAHER P S, et. al
Inventor(s): BOONE O N, MAHER P, MCDERMOTT I, et. al
Citing Patents: 7
54. WO2003030121-A; WO2003030121-A1; CA2390798-A1; ... 2003-354779
Title: Two-way communication baby monitor with soothing unit has baby unit responsive to audible sounds from baby to communicate with parent unit and activate soothing unit
Assignee: MATTEL INC, FITZGERALD K, GUBITOSI D T, et. al
Inventor(s): FITZGERALD K, GUBITOSI D T, WEPPNER M H
Citing Patents: 20
55. WO2003023529-A; US6484974-B1; WO2003023529-A2; ... 2003-265298
Title: Controller for railway switch machine, has processor which provides outputs that are enabled/disabled based on ranges of values of point detection signals and lock detection signals
Assignee: UNION SWITCH & SIGNAL INC
Inventor(s): FRANKE R C, BOZIO R P, WYDOTIS L M
Citing Patents: 5
56. US6473852-B1 2003-074578
Title: Integrated circuit resetting method for cellular phones, involves asserting reset signal that disables several internal circuitry except internal oscillator, in response to power on detect signal
Assignee: FAIRCHILD SEMICONDUCTOR CORP
Inventor(s): HANJANI H
Citing Patents: 4
57. US6468234-B1 2003-057062
Title: Sleep quality monitoring apparatus for sudden infant death syndrome application, has array of integrated sensors that are embedded in layer pad laid between mattress and individual
Assignee: UNIV LELAND STANFORD JUNIOR, US DEPT VETERANS AFFAIRS
Inventor(s): VAN DER LOOS H F M, FORD J S, KOBAYASHI H, et. al
Citing Patents: 36
58. US2002101350-A1; US7009520-B2 2002-749573
Title: Remote unit for baby monitoring system, activates vibrator when

- [audio signal received in association with baby exceeds preset threshold](#)
Assignee: THOMPSON R L, BURLINGTON BASKET CO
Inventor(s): THOMPSON R L
Citing Patents: 8
59. US2002099960-A1; US7376669-B2 2002-690503
Title: [Operating mode controlling system for personal computer, has sensor for detecting whether computer user is located nearby computer](#)
Assignee: KLEIN D A, MICRON TECHNOLOGY INC
Inventor(s): KLEIN D A
Citing Patents: 3
60. US2002066221-A1; US6487812-B2 2002-617040
Title: [Remote fish bite indicator includes motion detector and line tension sensor for detecting tampering/moving of housing and amount of tension applied to fishing line](#)
Assignee: JOHNSON J J
Inventor(s): JOHNSON J J
Citing Patents: 4
61. WO200262282-A; WO200262282-A1; US2002173696-A1; ... 2002-590908
Title: [Infant care unit with remote sensing physiological parameters of infant via computer network has controlling device responsive to sensor output to change environment or provide alarm or other indication of parameter](#)
Assignee: HILL-ROM SERVICES INC, KOLAROVIC R S, BARSKY B E, et. al
Inventor(s): KOLAROVIC R S, BARSKY B E, KOLAROVIC R, et. al
Citing Patents: 13
62. EP1230886-A; EP1230886-A1; US2002109036-A1; ... 2002-560078
Title: [Carousel style paper towel dispenser, has a device for dispensing paper from the first and second rolls simultaneously when the first roll reduces to a set diameter](#)
Assignee: GEORGIA PACIFIC CORP, DENEN D J, YARDLEY C D, et. al
Inventor(s): DENEN D J, YARDLEY C D, BROEHL J M, et. al
Citing Patents: 79
63. US2002070866-A1; US6778090-B2 2002-547230
Title: [Modular apparatus for monitoring presence of patient in e.g. hospital bed, generates alarm signal when capacitance of sensor housed within mattress cover changes in response to change in position of overlying person](#)
Assignee: NEWHAM P
Inventor(s): NEWHAM P
Citing Patents: 17
64. WO200247942-A; US6768420-A; WO200247942-A2; ... 2002-528141
Title: [Vehicle compartment occupancy detection system provides detection of passive person or animal, comprises an electric field generator and an electric field sensor](#)
Assignee: MCCARTHY K C, BURGNER L L, TAYLOR D W, et. al
Inventor(s): MCCARTHY K C, BURGNER L L, TAYLOR D W, et. al
Citing Patents: 27
65. US6377185-B1 2002-470189
Title: [Monitoring apparatus for physiological condition, has controller which stores data in low power buffer until predetermined amount has been reached and transfers stored data in single data transfer](#)
Assignee: ILIFE SYSTEMS INC
Inventor(s): HALLECK M E, HALLECK M D, LEHRMAN M L, et. al
Citing Patents: 2
66. US6367020-B1 2002-424684
Title: [Personal computer control system switches computer to password protected mode, when conditioned signal obtained by processing of signal from computer user detector, satisfies preset threshold](#)
Assignee: MICRON TECHNOLOGY INC
Inventor(s): KLEIN D
Citing Patents: 13
67. WO200210674-A; EP1200794-A; FR2812481-A1; ... 2002-407952
Title: [Robbery protection/mechanical movements movement determination having resonant circuit probe magnetic field receiving and reference unit generating/ receiving signals with detector measuring movement voltage](#)
Assignee: COMMISSARIAT ENERGIE ATOMIQUE, DURET D
Inventor(s): DURET D
Citing Patents: 6
68. WO200213677-A; WO200213677-A2; AU200183442-A; ... 2002-339396
Title: [Process for treating obstructive sleep apnea, detects onset of an obstructive sleep apnea event and generates a stimulus causing the sleeping person to move in a way that ends the event before it fully develops into cessation of breathing](#)
Assignee: ILIFE SYSTEMS INC
Inventor(s): LEHRMAN M L, HALLECK M E
Citing Patents: 13
69. US6485441-B1; US2002007124-A1; US6485441-B2 2002-328326
Title: [Mattress device for monitoring patient's sleep behavior, has DC accelerometer sensors embedded in mattress, which output signals corresponding to angular position and mechanical impulse induced by patient](#)
Assignee: WOODWARD S H, UNIV LELAND STANFORD JUNIOR
Inventor(s): WOODWARD S H

Citing Patents: 25

70. WO200179887-A; WO200179887-A2; AU200152502-A; ... 2002-256341
Title: [Displacement sensing system for security systems, includes oscillator circuit and permanent magnet non-fixedly mounted relative to oscillator circuit](#)
Assignee: VISONIC LTD, MOLDAVSKY M, ZHEVELEV B
Inventor(s): MOLDAVSKY M, ZHEVELEV B
Citing Patents: 5
71. EP1142533-A; EP1142533-A1; US2002052541-A1; ... 2002-189479
Title: [Portable automatic person's activity monitoring and classification system, processes parameters computed from sequences of sensor signals, to generate fuzzy labels for classification of global activity of subject](#)
Assignee: STMICROELECTRONICS SRL
Inventor(s): CUCE A, CASSESE M, PLATANIA D, et. al
Citing Patents: 5
72. WO200173718-A; WO200173718-A1; AU200149422-A; ... 2001-616551
Title: [Seizure controller for communication channel in child monitor, has base station that receives alarm signals preferentially from control transmitters than that from child monitor transmitter](#)
Assignee: ILIFE SYSTEMS INC
Inventor(s): HALLECK M E, HALLECK M D, HALLECK G V, et. al
Citing Patents: 6
73. WO200126228-A; EP1219030-A; DE19947380-A; ... 2001-368276
Title: [Proximity sensor comprises trigger, LC resonant circuit, frequency generator and analysis circuit for determining component, also independent of trigger material](#)
Assignee: ABB RES LTD, HAFFNER K, PRETRE P, et. al
Inventor(s): HAFFNER K, PRETRE P, FRITZ O
Citing Patents: 9
74. JP2001037742-A; US6450957-B1; JP3820811-B2 2001-260695
Title: [Monitoring apparatus for respiration diagnosis, displays information related to reduction of saturation of oxygen in blood based on change in pattern of movement detected by load sensor](#)
Assignee: NIPPONDENSO CO LTD, DENSO CORP
Inventor(s): YOSHIMI T, YANAI K, NISHIDA Y
Citing Patents: 38
75. WO200100089-A; WO200100089-A1; AU200056361-A; ... 2001-091665
Title: [Medical sensor for pressure ulcers using computer to provide wireless communication of sensed condition to stimulate action if necessary](#)
Assignee: SABOLICH RES & DEV INC, SABOLICH RES & DEV
Inventor(s): ORTEGA G M, SCHWABE G B, SABOLICH J A
Citing Patents: 32
76. WO200120571-A; WO200150433-A; US6147618-A; ... 2001-069832
Title: [Physiological condition monitoring apparatus for use in medical diagnosis, has controller to store data in buffer to flash memory in single data transfer, when amount of buffered data reaches predetermined value](#)
Assignee: ILIFE SYSTEMS INC
Inventor(s): HALLECK M D, LEHRMAN M L, OWENS A R, et. al
Citing Patents: 16
77. EP1039077-A2; CA2302390-A1; US6390529-B1; ... 2000-580964
Title: [Safety system for a closed compartment of a vehicle to sense the presence of a human or animal and to generate an appropriate response](#)
Assignee: DONNELLY CORP
Inventor(s): BINGLE R, ULHMANN E V, MCCARTHY K C, et. al
Citing Patents: 102
78. WO200024353-A; WO200024353-A1; AU200013284-A; ... 2000-365027
Title: [Method of minimizing force between modifiable support surface and patient located on it by modifying support surface in second manner for given time increment and measuring current force between patient and support surface](#)
Assignee: HILL-ROM INC, HILL-ROM SERVICES INC, PRICE J H, et. al
Inventor(s): PRICE J H, TAYLOR G L, THOMAS J M C, et. al
Citing Patents: 28
79. EP1017315-A; WO200004828-A; WO200004828-A1; ... 2000-223734
Title: [Respiration and movement monitoring system comprises non-contact capacitive sensor to generate main motion signal with optional additional sensors](#)
Assignee: SENSITIVE TECHNOLOGIES LLC
Inventor(s): TEODORESCU H, MLYNEK D
Citing Patents: 3
80. EP1023871-A; WO200108556-A; NL1008136-C2; ... 2000-084557
Title: [Detection system detects movement of patient](#)
Assignee: BRILMAN A J
Inventor(s): BRILMAN A J
Citing Patents: 13
81. WO9962040-A; EP1000420-A; WO9962040-A1; ... 2000-053623
Title: [Human body presence detector](#)
Assignee: VALEO SECURITE HABITACLE, ELVIS DI ZANNIER GIAN CARLO & C SAS
Inventor(s): ZANNIER G C, ZANNIER G
Citing Patents: 3

82. WO9933037-A; EP1057150-A; WO9933037-A1; ...
Title: [Apparatus for detecting fluid in e.g. container or nappy](#)
Assignee: BENSEN AS BENT THORNING
Inventor(s): BENSEN B T
Citing Patents: [17](#)

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