

Title (en)

QUALITY INDICATOR FOR MEASUREMENT SIGNALS, IN PARTICULAR, FOR MEDICAL MEASUREMENT SIGNALS SUCH AS THOSE USED IN MEASURING OXYGEN SATURATION

Title (de)

QUALITÄTSINDIKATOR FÜR MESSSIGNALE, INSBESONDERE MEDIZINISCHE MESSSIGNALE WIE AUS DER SAUERSTOFFSÄTTIGUNGSMESSUNG

Title (fr)

INDICATEUR DE QUALITE DE SIGNAUX DE MESURE, EN PARTICULIER DE SIGNAUX DE MESURE EN MEDECINE, PAR EX. POUR LA MESURE DE LA SATURATION EN OXYGENE

Publication

EP 1196862 A1 20020417 (DE)

Application

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Priority

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Abstract (en)

[origin: WO0077659A1] The invention relates to the determination of a quantitative statement concerning the quality of a measurement signal such as a medical measurement signal used in the area of pulsoximetry by: determining measurement signal-relevant factors, preferably with regard to the recording of the signal; processing and/or evaluating the signals, and; using an uncertain logic, preferably fuzzy logic, to establish a link between the determined factors and a quality indicator which quantitatively describes the quality of the determined measured value. In addition, a control of an alarm function according to the quality indicator preferably ensues, preferably when the measurement signal deviates from a predetermined limiting value or range.

IPC 1-7

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IPC 8 full level

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Citation (search report)

See references of WO 0077659A1

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