Title (en)

METHOD AND SYSTEM FOR DETERMINING THE CONDITION OF AN ANIMAL

Title (de)

VERFAHREN UND SYSTEM ZUR BESTIMMUNG DES ZUSTANDES EINES TIERES

Title (fr)

PROCÉDÉ ET SYSTÈME DE DÉTERMINATION DE L'ÉTAT DE SANTÉ D'UN ANIMAL

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Application

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Abstract (en)

[origin: WO2017061860A1] The invention relates to a method and system for determining the condition of an animal. Movements of the animal are measured during a defined time period. The movements are converted into a movement signal that represents the measured movements. A frequency spectrum of the movement signal is determined. The frequency spectrum is subdivided into a plurality of frequency subregions. For a plurality of the frequency subregions, per frequency subregion, the amount of energy in the respective frequency subregion is determined. For each of a plurality of frequency subregions, the determined amount of energy in the respective frequency subregion is compared with each of a plurality of expectation values for the amount of energy in the frequency subregion, each expectation value belonging to one condition of a plurality of conditions of the animal, for determining the current condition of the animal.

IPC 8 full level

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