

Title (en)

METHOD FOR THE QUANTITATIVE PREDICTION OF THE DATE OF BIRTH OF LIVESTOCK

Title (de)

VERFAHREN ZUR QUANTITATIVEN VORHERSAGE VON GEBURTSTERMINEN BEI NUTZTIEREN

Title (fr)

PROCÉDÉ DE PRÉDICTION QUANTITATIVE DE DATE DE MISE BAS POUR DES ANIMAUX DE RENTE

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Application

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Abstract (en)

[origin: WO2016082815A2] The invention relates to a method for the quantitative prediction of the date of birth of livestock by acquiring empirical activity data, activity data being contactlessly acquired by means of acoustic, light, ultrasonic or radar sensors. Said sensors are mounted above or laterally of individually kept animals and have a field of vision that is limited to the box or pen. Parameters of a growing restlessness of pregnant livestock prior to the onset of birth are detected, automatically recorded and standardized individually for each animal. The measured and standardized animal-individual activity curve is used for a numerical approximation of the date of birth with the aid of an activity curve which is characteristic of every animal species, breed, age and weight and other previously known animal parameters.

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