

Title (en)
METHOD FOR IDENTIFYING THE PROBABILITY OF AN ESTRUS

Title (de)
VERFAHREN ZUR ERKENNUNG DER WAHRSCHEINLICHKEIT EINER BRUNST

Title (fr)
PROCÉDÉ DE DÉTECTION DE LA PROBABILITÉ D'UN OESTRUS

Publication
EP 2879615 B1 20160914 (DE)

Application
EP 13736828 A 20130702

Priority
• DE 102012107012 A 20120801
• EP 2013063960 W 20130702

Abstract (en)
[origin: WO2014019791A1] The invention relates to a method for identifying an estrus in a female, non-human mammal within a group of animals of the same kind, wherein, in a first method step, a parameter specific for the movement activity of the animal in dependence on the time is detected and the animal is selected for further evaluation, if said parameter lies above the average value of the parameter specific for the movement activity in the corresponding animal for a predetermined length of time. Similar methods which are currently known are unreliable and dependent on random events. The problem of designing a corresponding method which ensures a high degree of reliability is solved according to the invention in that, in a second method step, a parameter specific for the group formation of the animal by at least one additional animal of the same kind from the group is determined for the same length of time and, in a third method step, an output for the probability of an estrus of the animal in dependence on the value of the parameter specific for pair formation is produced.

IPC 8 full level
A61D 17/00 (2006.01); **A01K 29/00** (2006.01)

CPC (source: EP)
A61D 17/002 (2013.01)

Cited by
US11832587B2; USD990063S; US12099893B2; US11832584B2; US10986817B2; USD990062S; US10986816B2; US11963515B2;
US11071279B2; US11864529B2; DE102020103742A1; US11960957B2

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
WO 2014019791 A1 20140206; DE 102012107012 A1 20140206; DK 2879615 T3 20170102; EP 2879615 A1 20150610;
EP 2879615 B1 20160914; IL 237002 A0 20150331; LT 2879615 T 20161125

DOCDB simple family (application)
EP 2013063960 W 20130702; DE 102012107012 A 20120801; DK 13736828 T 20130702; EP 13736828 A 20130702; IL 23700215 A 20150129;
LT 13736828 T 20130702