

Title (en)

METHOD, CONTROL UNIT AND SYSTEM FOR INSEMINATION TIME DETERMINATION

Title (de)

VERFAHREN, STEUERUNGSEINHEIT UND SYSTEM ZUR BESAMUNGSZEITPUNKTBESTIMMUNG

Title (fr)

PROCÉDÉ, UNITÉ DE COMMANDE ET SYSTÈME DE DÉTERMINATION D'HEURE D'INSÉMINATION

Publication

**EP 3568008 A1 20191120 (EN)**

Application

**EP 17817934 A 20171212**

Priority

- SE 1651652 A 20161215
- SE 2017051255 W 20171212

Abstract (en)

[origin: WO2018111179A1] Method (400), control unit (120) and system (500) for assisting a user in determining an insemination time interval (230) of an animal (100). The control unit (120) is configured to: obtain progesterone level of a milk sample of the animal (100); detect that the progesterone level is lower than a first threshold limit at a first moment (210); obtain activity level of the animal (100); detect that the activity level exceeds a second threshold limit at a second moment (220), within a first time period (240) from the first moment (210); determine the insemination time interval (230) of the animal (100) to be a second time period (250) from the moment (220) of detecting the activity level exceeding the second threshold limit; and generate a command signal to a user equipment (150) to output information to the user, comprising the insemination time interval (230),

IPC 8 full level

**A01K 29/00** (2006.01); **A61B 10/00** (2006.01); **A61D 17/00** (2006.01); **G01N 33/74** (2006.01)

CPC (source: EP)

**A01K 11/006** (2013.01); **A01K 29/005** (2013.01); **A61B 10/0012** (2013.01); **A61D 17/002** (2013.01); **G01N 33/743** (2013.01); **A61B 2010/0029** (2013.01)

Citation (search report)

See references of WO 2018111179A1

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**WO 2018111179 A1 20180621**; CA 3073927 A1 20180621; EP 3568008 A1 20191120

DOCDB simple family (application)

**SE 2017051255 W 20171212**; CA 3073927 A 20171212; EP 17817934 A 20171212