Title (en)
SYSTEMS AND METHODS FOR DETERMINING LIKELIHOOD OF STATES IN CATTLE ANIMAL

Title (de)
SYSTEME UND VERFAHREN ZUR BESTIMMUNG DER WAHRSCHEINLICHKEIT VON ZUSTÄNDEN BEI RINDERN

Title (fr)
SYSTÈMES ET PROCÉDÉS PERMETTANT DE DÉTERMINER LA PROBABILITÉ D'ÉTATS CHEZ UN BOVIN

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Application
EP 18706875 A 20180205

Priority
- SE 1750095 A 20170203
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Abstract (en)
[origin: WO2018143889A1] Disclosed is a method for determining a likelihood for a state of a cattle animal. The method comprises capturing (S100), by a thermal imager, a plurality of images of a cattle animal, analyzing (S105) a thermal characteristic of the images, and determining (S110), based on the plurality of images, a movement pattern of the cattle animal. The method further comprises comparing (S120) the determined movement pattern with a reference movement pattern and then determining (S130), based on the comparison, if the detected movement pattern correlates with a known state out of a plurality of known states, the plurality of known states including at least oestrus, pregnancy and parturition. The method further comprises outputting (S140), based on the determining, a likelihood value for at least one of the plurality of known states.

IPC 8 full level
A01K 29/00 (2006.01)

CPC (source: EP SE)
A01K 29/005 (2013.01 - EP SE); **A61D 17/002** (2013.01 - SE); G06T 7/20 (2013.01 - SE)

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