Title (en)
DECISION SUPPORT SYSTEM AND METHOD OF PROVIDING DECISION SUPPORT WITH RESPECT TO A HERD OF ANIMALS

Title (de)
ENTSCHEIDUNGSUNTERSTÜTZUNGSSYSTEM UND VERFAHREN FÜR ENTSCHEIDUNGSUNTERSTÜTZUNG BEZÜGLICH EINER TIERHERDE

Title (fr)
SYSTÈME ET PROCÉDÉ D'AIDE À LA DÉCISION POUR FOURNIR UNE AIDE À LA DÉCISION PAR RAPPORT À UN TROUPEAU D'ANIMAUX

Publication
EP 3407706 A1 20181205 (EN)

Application
EP 17704325 A 20170126

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Abstract (en)
[origin: WO2017131575A1] A respective animal unit (101, 102) is attached to the animals (A1, A2) in a herd of animals. Each unit (101, 102) is configured to repeatedly: emit a signal (S1; S2) representing the unit (101, 102), register a position (P1; P2) and/or register acceleration data (a1; a2) related to the animal (A1; A2) to which the unit (101, 102) is attached. A set of data read-out devices wirelessly reads out information from the set of animal units (101, 102) into a database. A data processor identifies animals potentially in heat by: - associating a respective time stamp with each entry in the database, each entry representing one event concerning an animal (A1, A2) in the herd, which event relates to an emitted signal (S1, S2), a registered position (P1, P2) and/or registered acceleration data (a1, a2); - identifying candidate mounting animals as members of a first group based on the entries in the database; - identifying candidate mounted animals as members of a second group of based on the entries in the database, and - based on the time stamps, matching the members of the first and second groups with one another to determine any animals potentially in heat, wherein an animal is deemed to be potentially in heat if the animal (A1) is estimated to have been mounted by at least one other animal (A2) during a particular interval of time.

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A01K 29/00 (2006.01)

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Citation (search report)
See references of WO 2017131575A1

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