

Title (en)

BOLUS, METHOD AND SYSTEM FOR MONITORING HEALTH CONDITION OF RUMINANT ANIMALS

Title (de)

BOLUS, VERFAHREN UND SYSTEM ZUR VERFOLGUNG DES GESUNDHEITZUSTANDS VON WIEDERKÄUERN

Title (fr)

BOLUS, METHODE ET SYSTEME DESTINES AU CONTROLE DE L'ETAT DE SANTE DE RUMINANTS

Publication

EP 1765063 A1 20070328 (EN)

Application

EP 05740640 A 20050519

Priority

- IL 2005000515 W 20050519
- US 57248404 P 20040520

Abstract (en)

[origin: WO2005112615A1] The present invention provides a bolus for introducing into a ruminant animal's reticulum, comprising at least one acoustic sensor configured and operable for receiving an overall acoustic signal emanated by two or more signal sources in its surroundings and outputting a data stream indicative thereof; a processing utility for receiving and processing the data stream indicative of the overall acoustic signal to isolate therefrom signal components from two or more defined sources and outputting one or more values indicative of a health condition of the animal; and a communication utility for receiving said one or more values and transmitting a signal corresponding thereto. The invention also provides a method for monitoring health condition of a ruminant animal and a system therefore, making use of the bolus of the invention.

IPC 8 full level

A61B 5/00 (2006.01); **A01K 11/00** (2006.01); **A01K 29/00** (2006.01); **A61B 5/0205** (2006.01)

CPC (source: EP)

A01K 11/007 (2013.01); **A01K 29/005** (2013.01); **A61B 5/0031** (2013.01); **A61B 5/0205** (2013.01); **A61B 5/7203** (2013.01); **A61B 5/726** (2013.01); **A61B 2503/40** (2013.01); **A61B 2562/0204** (2013.01)

Citation (search report)

See references of WO 2005112615A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2005112615 A1 20051201; EP 1765063 A1 20070328

DOCDB simple family (application)

IL 2005000515 W 20050519; EP 05740640 A 20050519