Title (en)
SYSTEM AND METHOD FOR FEEDING ANIMALS

Title (de)
SYSTEM UND VERFAHREN ZUM FÜTTERN EINES TIERES

Title (fr)
SYSTÈME ET PROCÉDÉ POUR ALIMENTER DES ANIMAUX

Publication
EP 3518663 A4 20200701 (EN)

Application
EP 16917019 A 20160930

Priority
CA 2016051144 W 20160930

Abstract (en)
[origin: WO2018058232A1] A feeding system is provided to permit sequential entry to animals, one at a time, into a feeding station that weighs the animal, and then provides or prevents access to feed based on body weight or other criteria. It exits each animal if no feed is to be provided, or after feeding for a specified period of time. The system accommodates animals housed in groups, and allows individual animals to be fed precisely with minimal labour input. Feed consumption by individual animals is limited by the amount of time they remain in the feeding area of the station and the amount of feed provided to them. The system provides for the ongoing collection of data about the animals growth and controls and monitors feed intake and body weight.

IPC 8 full level
A01K 5/02 (2006.01); A01K 1/02 (2006.01); A01K 5/00 (2006.01); A01K 39/01 (2006.01); A01K 45/00 (2006.01); G01G 19/52 (2006.01)

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A01K 1/0209 (2013.01); A01K 5/0275 (2013.01); A01K 39/01 (2013.01); A01K 45/00 (2013.01); G01G 19/52 (2013.01); G01G 17/08 (2013.01)

Citation (search report)
- [XYI] KR 20150042080 A 20150420
- [Y] DE 3701864 A1 19880804 - BUSCHHOFF TH AG [DE]
- [Y] CN 205455272 U 20160817 - JIAO JIAN
- [Y] FR 2998135 A1 20140523 - AGRONOMIQUE INST NAT RECH [FR]
- [Y] US 2715387 A 19550816 - MARMET ALVIN A
- [Y] DE 202007007052 U1 20080925 - BIG DUTCHMAN PIG EQUIPMENT GMB [DE]
- [A] EP 0163515 A2 19851204 - NAT RES DEV [GB]
- See references of WO 2018058232A1

Designated contracting state (EPC)
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