

Title (en)

Device for artificial insemination of a domestic animal

Title (de)

Vorrichtung zur künstlichen Befruchtung eines Haustiers

Title (fr)

Dispositif d'insémination artificielle d'un animal domestique

Publication

**EP 2457537 A1 20120530 (EN)**

Application

**EP 11189459 A 20111117**

Priority

DK PA201070504 A 20101124

Abstract (en)

There is disclosed a device (1) for use in artificial insemination of a domestic animal, in particular a sow (2). The device has a holder (3) for supporting a sperm container (4). The device includes a longitudinal support means (5) extending across the back of the animal to a point (7) behind the animal. Furthermore, it includes a U-shaped bracket means (8) with two resilient bracket branches (9) which are connected with a connecting means (17). During insemination, the resilient bracket branches (9) will bear on the back and sides of the sow. In order to adapt the squeezing force to sows of various sizes, the resilient bracket branches are interconnected movably via the connecting means (17). The activation means (21,22) of the connecting means enables by operation displacement of the bracket branches (9) in direction against and away from the sow's sides such that a squeezing force corresponding to the squeezing force from the front legs of a boar is exerted.

IPC 8 full level

**A61D 19/02** (2006.01)

CPC (source: EP)

**A61D 19/027** (2013.01); **A61D 19/028** (2013.01)

Citation (applicant)

- DK 171072 B1 19960528 - UNITRON SCANDINAVIA A S [DK]
- US 2009030267 A1 20090129 - MACK JEROME [US], et al

Citation (search report)

- [IY] DE 10032997 A1 20020117 - LUEHRS FRIEDRICH [DE]
- [Y] US 2008110137 A1 20080515 - CLAUSEN MORTEN [DK], et al
- [A] WO 2007121755 A1 20071101 - SCANDINAVIAN INVEST APS [DK], et al
- [AD] US 2009030267 A1 20090129 - MACK JEROME [US], et al
- [AD] WO 9302634 A1 19930218 - UNITRON SCANDINAVIA A S [DK]

Cited by

CN116114622A; CN110621245A

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)

**EP 2457537 A1 20120530**; DK 177269 B1 20120910; DK 201070504 A 20120525

DOCDB simple family (application)

**EP 11189459 A 20111117**; DK PA201070504 A 20101124