

Title (en)
APPARATUS FOR RAISING A SOW IN A FARROWING CRATE

Title (de)
ABFERKELSTATION

Title (fr)
APPAREIL PERMETTANT DE SOULEVER UNE TRUIE DANS UNE CAISSE DE MISE BAS

Publication
EP 1592295 A2 20051109 (EN)

Application
EP 04705745 A 20040128

Priority

- CA 2004000102 W 20040128
- CA 2418518 A 20030205
- CA 2430783 A 20030602

Abstract (en)
[origin: WO2004069085A2] In a farrowing pen which includes a pit and over the pit a first floor section on which the sow can stand and lie and two further floor sections on each side of the first floor section for receiving piglets of the sow and confining walls for locating the sow on the first floor section there is provided an apparatus for lifting the sow away from the piglets to prevent crushing. The apparatus includes a base carries above the pit either on legs or on a cradle and a gas bag lift mechanism carried on the base above the manure and arranged to raise a plate carrying two parallel rails with the first floor section thereon. An air valve extends through a farrowing pen which includes a pit and over the pit a first floor section on which the sow can stand and lie and two further floor sections on each side of the first floor section for receiving piglets of the sow and confining walls for locating the sow on the first floor section there is provided an apparatus for lifting the sow away from the piglets to prevent crushing. The apparatus includes a base carries above the pit either on legs or on a cradle and a gas bag lift mechanism carried on the base above the manure and arranged to raise a plate carrying two parallel rails with the first floor section thereon. An air valve extends through the flooring and is operated by pressure from contact with the sow for actuating the controlling the flow of the air. The rate of lifting is faster than the rate of lowering. Extendible legs around the base support and guide the floor on the bag.

IPC 1-7
A01K 1/02

IPC 8 full level
A01K 1/02 (2006.01)

CPC (source: EP)
A01K 1/0218 (2013.01)

Citation (search report)
See references of WO 2004069085A2

Designated contracting state (EPC)
DE

DOCDB simple family (publication)
WO 2004069085 A2 20040819; WO 2004069085 A3 20040930; AR 043011 A1 20050713; CA 2430783 A1 20040805; DE 602004016637 D1 20081030; EP 1592295 A2 20051109; EP 1606994 A2 20051221; EP 1606994 A3 20070704; EP 1606994 B1 20080917

DOCDB simple family (application)
CA 2004000102 W 20040128; AR P040100326 A 20040203; CA 2430783 A 20030602; DE 602004016637 T 20040128; EP 04705745 A 20040128; EP 05018238 A 20040128