

Title (en)
Apparatus for transferring animal reproduction elements, embryos or the like.

Title (de)
Gerät für die Verpflanzung von Elementen für die Tierfortpflanzung, wie Embrios.

Title (fr)
Appareil de transfert d'éléments de reproduction animale, tels que des embryons.

Publication
EP 0071538 A1 19830209 (FR)

Application
EP 82401420 A 19820729

Priority
FR 8114930 A 19810731

Abstract (en)
1. An apparatus for transferring animal reproduction elements, by mechanical ejection, of the type comprising a hollow and rigid main body (2) which is generally cylindrical and at one end of which there is secured a flexible tube (4) which extends the said body (2) towards the exterior, this tube having to serve as a reservoir for the reproduction elements, whilst this main body (2) receives internally, at its other end, a piston rod (3, 5) with which there is associated a sliding piston (7), the free end of the reservoir tube (4) further comprising an ejection terminal (6) having an axial passage, this rigid main body (2) being surrounded by a second rigid body (1), characterized in that the main body (2) is capable of sliding inside the said second body which is approximately the same length as the latter, whilst the piston rod (3, 5) comprises a front section (5) which is flexible and whose length is at least equal to that of the reservoir tube (4).

Abstract (fr)
Cet appareil est du type comprenant un corps principal (2) auquel est fixé un tube souple (4) servant de réservoir aux éléments de reproduction, et qui reçoit une tige de piston (3-5) à laquelle est associé un piston coulissant (7), ce tube-réservoir (4) comportant par ailleurs un embout d'éjection (6). Le problème posé consiste à réduire au maximum les risques de lésion de la muqueuse utérine. Suivant l'invention, l'appareil est caractérisé en ce que le corps principal rigide (2) est entouré par un second corps non souple (1) à l'intérieur duquel le corps principal (2) peut coulisser, et qui a approximativement la même longueur que celui-ci, tandis que la tige-piston (3-5) est souple et comprend un tronçon avant qui a une longueur au moins égale à celle du tube-réservoir (4). L'invention trouve une application avantageuse dans le transfert des embryons.

IPC 1-7
A61D 7/02

IPC 8 full level
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CPC (source: EP)
A61D 19/04 (2013.01); **A61D 19/027** (2013.01)

Citation (search report)
• [A] FR 2477008 A1 19810904 - CASSOU BERTRAND [FR]
• [A] FR 1014413 A 19520814
• [A] FR 1472139 A 19670310

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