

Device and method for inserting or obtaining a fluid with gametes, embryos or any other type of solution in the oviduct of a sow

Abstract

The device comprises an injection system, which is made up of a rigid external tubular body (1) that enables it to be inserted into the abdominal cavity of a sow. This body is, in turn, covered by a sterile sleeve (2) that enables it to be used in different animals. A flexible duct (3) runs coaxially and its distal end connects with a bevelled needle (4) that permits insertion in the oviduct (12) at an angle of 45°. The proximal end of the flexible tube connects with a device (6) that includes a sheath (7) closed at the other end by a piston (8) that slides along the inside of the sheath and that enables the precision insertion of low-volume liquids.

Figure 3