Title (en)

PROCESS FOR THE PRODUCTION OF NON-HUMAN EMBRYOS OF HIGH-GENETIC VALUE AND OF PREDETERMINED SEX

Title (de)

VERFAHREN FÜR DIE HERSTELLUNG VON HOCH QUALITATIVEN, NICHT-MENSCHLICHEN EMRYONEN VON PREDETERMINIERTEM GESCHLECHT

Title (fr)

PROCEDE DE PRODUCTION D'EMBRYONS NON HUMAINS PRESENTANT UNE VALEUR GENETIQUE ELEVEE ET UN SEXE PREDETERMINE

Publication

**EP 1255812 A1 20021113 (EN)**

Application

**EP 01902306 A 20010111**

Priority

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- IT MI20000030 A 20000114

Abstract (en)

[origin: WO0151612A1] The process described herein concerns the production of non-human mammalian embryos of predetermined sex, with high-genetic value. The process uses frozen semen, frozen according to EU regulations, obtained from animals selected for their genetic characteristics at Semen Collection Centres, which is thawed and sexed by flow-cytometry. Sexed spermatozoa are used for the in vitro fertilisation of oocytes of a compatible animal species for the in vitro production of embryos of predetermined sex. The operating conditions of the present process allow the use of frozen semen.

IPC 1-7 (main, further and additional classification)

**C12N 5/06**; A01K 67/02; A61D 19/00; A61K 35/52; G01N 33/483

IPC 8 full level (invention and additional information)

**A01K 67/027** (2006.01); **A61D 19/00** (2006.01); **C12N 5/00** (2006.01); **C12N 5/071** (2010.01)

CPC (invention and additional information)

**C12N 5/0612** (2013.01); **A01K 67/027** (2013.01); **A61D 19/00** (2013.01)

Citation (search report)

See references of WO 0151612A1

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