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(54) Title: INBRED EMBRYONIC STEM-CELL DERIVED MICE

(57) Abstract: An improved and reproducible method for the generation of ES mice from inbred ES cells, without the need to generate a chimeric mouse intermediate is provided. The inbred ES cells may be recombinant or genetically modified, resulting in ES mice that are transgenic. The method may also be used for the fast production of ES mice strains homozygous for a defined genetic alteration.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 A01K67/027

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 A01K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, BIOSIS, MEDLINE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EGGAN KEVIN ET AL: "Hybrid vigor, fetal overgrowth, and viability of mice derived by nuclear cloning and tetraploid embryo complementation" PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF USA, NATIONAL ACADEMY OF SCIENCE. WASHINGTON, US, vol. 98, no. 11, 22 May 2001 (2001-05-22), pages 6209-6214, XP002206043 ISSN: 0027-8424 page 6209 -page 6214; tables 3,4 --- -/--	1-12

[X] Further documents are listed in the continuation of box C.

[X] Patent family members are listed in annex.

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Date of the actual completion of the international search	Date of mailing of the international search report
14 August 2003	26/08/2003

Name and mailing address of the ISA	Authorized officer
European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31–70) 340–2040, Tx. 31 651 epo nl, Fax: (+31–70) 340–3016	Schulz, R

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication,where appropriate, of the relevant passages	Relevant to claim No.
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A	BURDON T ET AL: "SUPPRESSION OF SHP-2 AND ERK SIGNALLING PROMOTES SELF-RENEWAL OF MOUSE EMBRYONIC STEM CELLS" DEVELOPMENTAL BIOLOGY, ACADEMIC PRESS, NEW YORK, NY, US, vol. 210, 1 June 1999 (1999-06-01), pages 30-43, XP000901724 ISSN: 0012-1606 the whole document	1-12
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		EP 1112349 A2	04-07-2001
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