

Title (en)

MUTAGENESIS TESTING USING TRANSGENIC NON-HUMAN ANIMALS CARRYING TEST DNA SEQUENCES.

Title (de)

MUTAGENESETEST UNTER VERWENDUNG VON NICHTMENSCHLICHEN LEBEWESSEN, DIE TEST DNA-SEQUENZEN ENTHALTEN.

Title (fr)

TEST DE MUTAGENESE A L'AIDE D'ANIMAUX TRANSGENIQUES PORTEURS DE SEQUENCES D'ADN TESTS.

Publication

**EP 0608210 A4 19930607 (EN)**

Application

**EP 91908707 A 19910405**

Priority

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- US 50567690 A 19900405

Abstract (en)

[origin: WO9115579A1] An assay for monitoring and assessing the mutagenic potential of agents which involves creating transgenic non-human animals carrying a test DNA sequence or sequences that can be quickly recovered and examined for mutations following exposure to one or more suspected mutagenic agents.

IPC 1-7

**C12N 15/00**; **A01K 67/027**; **A61K 49/00**; **G01N 33/50**

IPC 8 full level

**A01K 67/027** (2006.01); **C12N 15/85** (2006.01); **C12Q 1/68** (2006.01); **C12Q 1/70** (2006.01); **G01N 33/50** (2006.01)

CPC (source: EP)

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Citation (search report)

- [XD] EP 0289121 A2 19881102 - STRATAGENE INC [US]
- [YP] EP 0370813 A2 19900530 - TRANSGENIC SCIENCES INC [US]
- [E] WO 9217605 A1 19921015 - INGENY BV [NL]
- [X] JOURNAL OF CELLULAR BIOCHEMISTRY. vol. SUPPL, no. 13B, 21 January 1989, NEW YORK, USA page 184 SHORT, J.M. ET AL. 'The effects of eukaryotic methylation on recovery of a Lambda phage shuttle vector from transgenic mice'
- [T] PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF USA. vol. 88, no. 18, September 1991, WASHINGTON US pages 7958 - 7962 KOHLER, S.W. ET AL. 'Spectra of spontaneous and mutagen-induced mutations in the lacI gene in transgenic mice'
- [XP] NUCLEIC ACIDS RESEARCH. vol. 18, no. 10, 25 May 1990, ARLINGTON, VIRGINIA US pages 3007 - 3013 KOHLER, S.W. ET AL. 'Development of a short-term, in vivo mutagenesis assay: the effects of methylation on the recovery of a lambda shuttle vector from transgenic mice'
- See references of WO 9115579A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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