

Title (en)

INSERTIONAL MUTATIONS IN MYCOBACTERIA.

Title (de)

MUTATIONEN IN MYCOBAKTERIEN DURCH GENEINBAU.

Title (fr)

MUTATIONS PAR INSERTION DANS DES MYCOBACTERIES.

Publication

EP 0590027 A4 19941019 (EN)

Application

EP 92913432 A 19920602

Priority

- US 9204706 W 19920602
- US 71465691 A 19910613
- US 80670691 A 19911212

Abstract (en)

[origin: WO922326A1] A mutated mycobacterium selected from the class consisting of mutated M.bovis-BCG, mutated M.tuberculosis, and mutated M.leprae. The mutation of M.bovis-BCG, M.tuberculosis, or M.leprae is preferably effected through an insertional mutation of a mycobacterial gene. The insertional mutagenesis may be effected, for example, through illegitimate recombination or by a mycobacterial transposon. Such mutated mycobacteria may then be transformed with an expression vector(s) containing a complement gene to the gene which is mutated, and preferably also including a heterologous gene.

IPC 1-7

A61K 39/04; C12N 1/21

IPC 8 full level

A61K 39/04 (2006.01); **A61P 31/00** (2006.01); **A61P 31/04** (2006.01); **A61P 31/06** (2006.01); **C07K 14/35** (2006.01); **C12N 1/21** (2006.01); **C12N 15/09** (2006.01); **C12N 15/74** (2006.01); **A61K 39/00** (2006.01); **C12R 1/32** (2006.01)

CPC (source: EP)

A61P 31/00 (2018.01); **A61P 31/04** (2018.01); **A61P 31/06** (2018.01); **C07K 14/35** (2013.01); **C12N 15/74** (2013.01); **A61K 39/00** (2013.01)

Citation (search report)

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- See also references of WO 922326A1

Designated contracting state (EPC)

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