

Title (en)

OPTIMISED GENETIC TOOL FOR MODIFYING BACTERIA

Title (de)

OPTIMIERTES GENETISCHES WERKZEUG ZUR MODIFIZIERUNG VON BAKTERIEN

Title (fr)

OUTIL GENETIQUE OPTIMISÉ POUR MODIFIER LES BACTERIES

Publication

EP 3976780 A1 20220406 (FR)

Application

EP 20740061 A 20200522

Priority

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Abstract (en)

[origin: CA3141382A1] The present invention relates to the transformation and genetic modification of bacteria belonging to the phylum Firmicutes. It thus relates to methods, tools and kits which allow such genetic modification, particularly involving a nucleic acid sequence used to facilitate the transformation of the bacterium, the sequence comprising i) all or some of the sequence SEQ ID NO: 126 and ii) a sequence which allows modification of the genetic material of a bacterium and/or expression, within the bacterium, of a DNA sequence that is partially or completely absent from the genetic material present within the wild type of the bacterium. The description also relates to the genetically modified bacteria obtained and their use, in particular to produce a solvent, preferably on an industrial scale.

IPC 8 full level

C12N 15/10 (2006.01)

CPC (source: EP KR US)

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