

Title (en)

PROCESS FOR THE PRODUCTION OF L-AMINO ACIDS USING CORYNEFORM BACTERIA

Title (de)

VERFAHREN ZUR PRODUKTION VON L-AMINOSÄUREN UNTER VERWENDUNG VON CORYNEFORM BAKTERIEN

Title (fr)

PROCEDE D'OBTENTION D'ACIDES AMINES L AU MOYEN DE BACTERIES CORYNEFORMES

Publication

**EP 1425406 A2 20040609 (EN)**

Application

**EP 02760318 A 20020813**

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- EP 0209043 W 20020813

Abstract (en)

[origin: WO03023044A2] The invention relates to a process for the production of L-amino acids, in which the following steps are carried out: a) fermentation of the coryneform bacteria producing the desired L-amino acid, in which at least the gene coding for S-adenosylmethionine synthetase and/or the gene coding for a transporter for branched-chain amino acids is/are attenuated, b) enrichment of the desired L-amino acid in the medium or in the bacterial cells, and c) isolation of the L-amino acid, and optionally bacteria are used in which in addition further genes of the biosynthesis pathway of the desired L-amino acid are enhanced, or bacteria are used in which the metabolic pathways that reduce the formation of the desired L-amino acid are at least partially switched off.

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