

Title (en)

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

Title (de)

VERFAHREN ZUR HERSTELLUNG VON L-AMINOSÄUREN DURCH FERMENTATION VON CORYNEFORMEN BAKTERIEN

Title (fr)

PROCEDE DE PRODUCTION DE L-AMINO-ACIDES PAR FERMENTATION A L'AIDE DE CORYNEFORM BACTERIA

Publication

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Application

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Abstract (en)

[origin: WO02086137A2] 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 mqo gene is attenuated, b) concentration of the desired L-amino acid in the medium or in the cells of the bacteria, and c) isolation of the L-amino acid, and optionally, bacteria are used in which further genes of the biosynthesis pathway of the desired L-amino acid are additionally enhanced, or bacteria are used in which at least some of the metabolic pathways reducing formation of the desired L-amino acid are excluded.

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