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ning of each regular issue of the PCT Gazette.*

(54) Title: PROCESS FOR THE PRODUCTION OF L-LYSINE USING CORYNEFORM BACTERIA

(57) Abstract: The invention relates to a process for the production of L-lysine, in which the following steps are carried out a) fermentation of the L-lysine producing coryneform bacteria that are at least sensitive to diaminopimelic acid analogues, in particular 4-hydroxydiaminopimelic acid; b) enrichment of the L-lysine in the medium or in the bacterial cells; and optionally c) isolation of the L-lysine or L-lysine-containing feedstuffs additive from the fermentation broth, so that ≥ 0 to 100% of the constituents from the fermentation broth and/or from the biomass are present, and optionally bacteria are used in which in addition further genes of the biosynthesis pathway of L-lysine are enhanced, or bacteria are used in which the metabolic pathways that reduce the formation of L-lysine are at least partially switched off.



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A. CLASSIFICATION OF SUBJECT MATTER

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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

CHEM ABS Data, EPO-Internal, WPI Data, PAJ, BIOSIS, EMBASE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 510 319 A (DEGUSSA)	10, 11
A	28 October 1992 (1992-10-28) see especially p. 2 the whole document --- -/--	1-9

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	DATABASE CA 'Online! CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; COUDERT, MICHELE ET AL: "Obtainment of regulation mutants for the lysine biosynthetic pathway in a Corynebacterium strain resistant to lysine analogs" retrieved from STN Database accession no. 80:105697 XP002267565 abstract & COMPTES RENDUS DES SEANCES DE L'ACADEMIE DES SCIENCES, SERIE D: SCIENCES NATURELLES (1973), 277(13), 1245-8 ,	1-11
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INTERNATIONAL SEARCH REPORT

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			JP	6022751 A	01-02-1994