Title (en)

Process for producing a free amino acid from an alkali metal salt thereof.

Title (de)

Verfahren zur Herstellung einer freien Aminosäure aus einem Alkalimetallsalz derselben.

Title (fr)

Procédé pour la préparation d'un amino-acide libre à partir de son sel de métal alcalin.

Publication

EP 0201925 A1 19861120 (EN)

Application

EP 86106619 A 19860515

Priority

JP 10156785 A 19850515

Abstract (en)

A process for producing a free amino acid from an alkali metal salt of said amino acid, which comprises using at least one electrolytic cell having a cation-exchange membrane between the anode and the cathode to separate the anode chamber and the cathode chamber, circulating through the anode chamber an anolyte which is an aqueous solution containing (1) an amino acid having one amino group and one carboxyl group and (2) an alkali metal salt there of, while keeping the pH of the anolyte at 9.5 or below by adding to the anolyte said alkali metal salt or an aqueous solution containing said alkali metal salt, circulating through the cathode chamber a catholyte which is an aqueous alkali metal hydroxide solution, and passing a direct current between the two electrodes to form a free amino acid in the anolyte and an alkali metal hydroxide in the catholyte.

IPC 1-7

C25B 3/00

IPC 8 full level

C25B 1/16 (2006.01); **C25B 3/00** (2006.01); **C25B 3/02** (2006.01); **C25B 3/23** (2021.01)

CPC (source: EP)

C25B 1/16 (2013.01); **C25B 3/00** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 0201925 A1 19861120; JP S61261488 A 19861119

DOCDB simple family (application)

EP 86106619 A 19860515; JP 10156785 A 19850515