Title (en)

PHENYLALANINE-FREE FOOD FOR INFANTS AND SMALL CHILDREN

Title (de

PHENYLALANINFREIE SÄUGLINGS- UND KLEINKINDERNAHRUNG

Title (fr)

ALIMENT EXEMPT DE PHENYLALANINE, POUR NOURRISSONS ET ENFANTS EN BAS AGE

Publication

EP 0741525 A1 19961113 (DE)

Application

EP 95941031 A 19951127

Priority

- DE 4442668 A 19941130
- EP 9504671 W 19951127

Abstract (en

[origin: DE4442668A1] Proposed is a phenylalanine-free nutrient basis for infants and small children as well as a method of producing it. In addition to a mixture of amino-acids including all the L-amino-acids, except for phenylalanine, necessary for child nutrition, the nutrient basis contains fats and/or carbohydrates plus, optionally, minerals and/or trace elements. The nutrient basis is produced by spray-drying and aqueous formulation containing the above ingredients. At least part of at least the amino-acids lysine and cystine is added to the dry product obtained after spray-drying. Owing to the fact that these amino-acids are not spray-dried with the other ingredients, the product obtained is free of undesired by-products formed during spray-drying.

IPC 1-7

A23L 1/305

IPC 8 full level

A23L 33/175 (2016.01)

CPC (source: EP US)

A23L 33/175 (2016.07 - EP US)

Citation (search report)

See references of WO 9616559A1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IE IT LI NL PT SE

DOCDB simple family (publication)

DE 4442668 A1 19960605; **DE 4442668 C2 19970918**; CA 2182301 A1 19960606; EP 0741525 A1 19961113; JP H09508807 A 19970909; US 5736187 A 19980407; WO 9616559 A1 19960606

DOCDB simple family (application)

DE 4442668 A 19941130; CA 2182301 A 19951127; EP 9504671 W 19951127; EP 95941031 A 19951127; JP 51817296 A 19951127; US 68262796 A 19961009