

Title (en)

SEQUENTIAL SEPARATION OF WHEY PROTEINS AND FORMULATIONS THEREOF

Title (de)

AUFEINANDERFOLGENDE TRENNUNG VON MOLKENEIWEISS' SOWIE FORMULIERUNGEN DERSELBEN

Title (fr)

SEPARATION SEQUENTIELLE DE PROTEINES DE LACTOSERUM ET LEURS PREPARATIONS

Publication

EP 1017286 A1 20000712 (EN)

Application

EP 97944384 A 19970922

Priority

US 9716993 W 19970922

Abstract (en)

[origin: WO9915024A1] A method is disclosed for sequential separation of whey proteins using radial-flow chromatography. Different buffer systems adjusted to suitable pH and ionic strength are utilized in the separation process. The method separates at least five different proteins from whey. Infant feeding formulas, and other food formulations are also disclosed incorporating therein in different proportions various proteins separated from the whey.

IPC 1-7

A23C 9/14; **A23L 1/305**; **A23J 1/20**; **A23C 9/146**; **A23C 11/04**

IPC 8 full level

A23C 9/14 (2006.01); **A23C 9/146** (2006.01); **A23C 9/152** (2006.01); **A23C 11/04** (2006.01); **A23J 1/20** (2006.01); **A23L 1/305** (2006.01); **C07K 1/16** (2006.01)

CPC (source: EP)

A23C 9/1465 (2013.01); **A23C 11/04** (2013.01); **A23J 1/205** (2013.01)

Designated contracting state (EPC)

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

DOCDB simple family (publication)

WO 9915024 A1 19990401; AU 4589397 A 19990412; EP 1017286 A1 20000712; EP 1017286 A4 20040609; JP 2001516599 A 20011002; KR 20010030665 A 20010416

DOCDB simple family (application)

US 9716993 W 19970922; AU 4589397 A 19970922; EP 97944384 A 19970922; JP 2000512418 A 19970922; KR 20007003033 A 20000322