

Title (en)

PROCESS FOR ISOLATING IMMUNOGLOBULINS IN WHEY

Title (de)

VERFAHREN ZUR ISOLIERUNG VON IMMUNOGLOBULINEN AUS MOLKE

Title (fr)

PROCEDE D'ISOLEMENT D'IMMUNOGLOBULINE A PARTIR DE PETIT LAIT

Publication

EP 0859783 A1 19980826 (EN)

Application

EP 96934050 A 19961004

Priority

- US 9615945 W 19961004
- US 53953995 A 19951005
- US 62327696 A 19960328

Abstract (en)

[origin: WO9712901A1] The present invention is directed to a process of isolating immunoglobulin from whey or whey concentrate and a concentrated immunoglobulin product which is highly purified. The process features the co-precipitation lipids and non-immunoglobulin proteins simultaneously with a charged polymer and a fatty acid.

IPC 1-7

C07K 1/32; **C07K 16/04**; **C07K 16/12**; **A61K 39/40**; **A61K 39/108**

IPC 8 full level

A61K 31/00 (2006.01); **A61K 39/108** (2006.01); **A61K 39/395** (2006.01); **A61P 31/00** (2006.01); **A61P 31/04** (2006.01); **C07K 1/32** (2006.01); **C07K 16/04** (2006.01); **C07K 16/10** (2006.01); **C07K 16/12** (2006.01); **C07K 16/20** (2006.01); **A61K 38/00** (2006.01)

CPC (source: EP US)

A61P 31/00 (2018.01 - EP); **A61P 31/04** (2018.01 - EP); **C07K 16/04** (2013.01 - EP); **C07K 16/1003** (2023.08 - EP US); **C07K 16/121** (2013.01 - EP); **C07K 16/1228** (2013.01 - EP); **C07K 16/1232** (2013.01 - EP); **C07K 16/1239** (2013.01 - EP); **C07K 16/1282** (2013.01 - EP); **C07K 16/20** (2013.01 - EP US); **A61K 38/00** (2013.01 - EP)

Designated contracting state (EPC)

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

DOCDB simple family (publication)

WO 9712901 A1 19970410; AU 7256596 A 19970428; CA 2233935 A1 19970410; EP 0859783 A1 19980826; JP H11512746 A 19991102

DOCDB simple family (application)

US 9615945 W 19961004; AU 7256596 A 19961004; CA 2233935 A 19961004; EP 96934050 A 19961004; JP 51446597 A 19961004