

Title (en)

EXPANDABLE, PROTEIN-BASED, LOW-CALORIE COMPOSITIONS

Publication

**EP 0403597 A4 19920205 (EN)**

Application

**EP 89909670 A 19890818**

Priority

US 23359988 A 19880818

Abstract (en)

[origin: WO9001879A1] There is disclosed compositions comprising non-foamed, non-crosslinked animal and/or vegetable proteins in combination with edible cellulose fibers and/or colloidal cellulose microfibrils in combination with lesser amounts of edible gums as binders. These compositions possess a water-expandable property such as to grow in volume in an aqueous acidic medium and serve as a firm gelatinous binder for the edible components. The above mixture is compressed in dry powder forms into tablets and/or granular compositions capable of swelling at the acid pH of the stomach into a firm gelatinous physical mass or masses that effectively serve to provide a temporary reduction of the appetite by mechanical rather than systemic action.

IPC 1-7

**A23L 1/29; A61K 9/38**

IPC 8 full level

**A23L 1/0534** (2006.01); **A23L 1/307** (2006.01); **A23L 1/308** (2006.01); **A23L 29/262** (2016.01); **A23L 33/20** (2016.01); **A61K 9/38** (2006.01); **A61K 38/00** (2006.01); **A61K 38/17** (2006.01); **A61P 3/04** (2006.01)

CPC (source: EP)

**A23L 29/262** (2016.07); **A23L 33/21** (2016.07); **A23L 33/24** (2016.07); **A61P 3/04** (2017.12)

Citation (search report)

- [A] EP 0225770 A2 19870616 - MINAMINIHON RAKUNO KYODO KK [JP]
- [A] FR 2574254 A1 19860613 - BOEHRINGER BIOCHEMIA SRL [IT]
- See references of WO 9001879A1

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

**WO 9001879 A1 19900308**; AU 4180489 A 19900323; EP 0403597 A1 19901227; EP 0403597 A4 19920205; HU 895187 D0 19901128; HU T54880 A 19910429; JP H03502047 A 19910516

DOCDB simple family (application)

**US 8903538 W 19890818**; AU 4180489 A 19890818; EP 89909670 A 19890818; HU 518789 A 19890818; JP 50905589 A 19890818