100 Documents

Publication numbers	Title	Current assignees
EP1755565 A2	Soft gelatin capsule comprising omega-3 polyunsaturated fatty acid	CHRYSALIS PHARMA
EP1029538 A2	Soft gelatin capsule manufacture	R P SCHERER, ...
EP1787622 A2	Soft capsule manufacturing apparatus	KABUSHIKI BAISHA KAMATA, ...
WO200154645 A1	A soft capsule packaging machine	YI JONGKANG, ...
KR20090005947U U	Apparatus for manufacturing of soft capsule	LEE, JUNG OK
CN103961396 A	A kind of health care soft capsule and preparation technology thereof	BY HEALTH
CN2421249U Y	Equipment for manufacturing soft capsule	YI ZHONGKANG
EP1790336 A1	Composition for capsule film, capsule film, and capsule made with the same	WAKUNAGA PHARMACEUTICAL
EP1229904 A1	Method for producing a moulded body containing starch	SWISS CAPS RECHTE & LIZENZEN
CN210501376U U	High-speed mute valve material injection soft capsule machine	BEIJING XINHANGCHENG SCIENCE & TECHNOLOGY DEVELOPMENT
EP1617815 A2	Process for making gel films	DUPONT NUTRITION BIOSCIENCES
EP1926480 A2	Method for the production of soft capsule envelopes based on polyvinyl alcohol-polyethylene glycol graft copolymers	BASF
EP1754479 A1	Capsule stable against mastication	ONO PHARMACEUTICAL
EP2443047 A1	Capsule comprising an extractable product	DOUWE EGBERTS
CN207916275U U	Capsule printing detection device	CHENGDU AOKANG MEDICINAL CAPSULE
EP2631184 A1	Drop tower, and accelerating capsule and payload carrier for the same	ZARM FALLTURM BETRIEBSGESELLSCHAFT MBH
US5074102 A	Flat track modified soft shell capsule filling machine	AMERICAN CYANAMID
EP2978815 A1	Film-forming compostions for the film-coating of solid forms	ROQUETTE FRERES
CN101953852 A	Antithrombin preparation and preparation method thereof	XINBANG PHARMACY
EP2214506 A2	Fish food capsule	GESELLE JENS
EP1649758 A1	Masticatable capsule and process for producing the same	MORINAGA MILK INDUSTRY
EP2916814 A1	Composition containing a cellulose derived capsule with a sunscreen	COLABS INT
EP2142054 A1	Beverage production device for producing a beverage from a	NESTLE

Publication numbers	Title	Current assignees
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EP2000062 A1	Method for preparing a beverage or liquid food and system using brewing centrifugal force	NESTLE
EP2876130 A1	Preparation process of a self-reinforced starch composite used to produce capsules	ZHONGSHAN CAPSULE STARCH MATERIAL TECHNOLOGY
EP2881102 A1	Method and device for filling capsules	FETTE ENGINEERING
EP2410970 A1	New device for manufacturing soft capsules	SWISS CAPS RECHTE & LIZENZEN
EP1572164 A2	Oral dosage forms with therapeutically active agents in controlled release cores and immediate release gelatin capsule coats	PAIN THERAPEUTICS
EP1194130 A1	Improvements in and relating to delivery capsules	BIOPROGRESS TECHNOLOGY INTERNATIONAL
EP2196226 A2	Coated medical devices	ETHICON
US4663148 A	Dispenser comprising telescopically engaging members	ALZA
EP2345352 A1	Method for providing information to a user from a capsule for the preparation of a beverage using a code	NESTLE
EP3446713 A2	Aqueous dispersions of controlled release polymers and shells and capsules thereof	CAPSUGEL BELGIUM
WO2017126949 A1	Medicine capsule forming apparatus capable of performing high-speed forming	CHOI INGYU
EP--76326 A1	Sintered, high-v, high-speed steel and process for its production	FURUKAWA ELECTRIC, ...
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EP1690490 A1	Capsule type medical device system	OLYMPUS
EP1553924 A1	Novel method of stabilizing diagnostic and therapeutic compounds in a cationic carrier system	MEDIGENE
EP-453683 A1	Cosmetic capsules.	UNILEVER
EP2969490 A2	Moldable capsule and method of manufacture	INTEGRAL TECHNOLOGIES
EP1474115 A1	Process for preparing a formulatin for non-gelatin capsule shell comprising iota-carrageenan and kappa-carrageenan	PATHEON SOFTGELS, ...
EP2647317 A1	Method and preparation system for preparing a brewed product	QBO COFFEE
US20100266947 A1	Capsule toner and method of manufacturing capsule toner	SHARP
EP2378931 A1	Liquid food preparation system for preparing a liquid food by centrifugation	NESTLE
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Publication numbers	Title	Current assignees
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EP1706089 A1	Dermatologic soft gel compositions	STIEFEL LABORATORIES
EP1682331 A1	Method for the production of capsules with heat-shrinkable skirt	ALCAN PACKAGING CAPSULES
EP2839835 A1	Encapsulated formulation	EISAI R & D MANAGEMENT
US6278050 B1	Method of producing sintered body of material for thermoelectric element	PANASONIC ELECTRIC WORKS
EP1553929 A2	Controlled release preparation	TAKEDA PHARMACEUTICAL
EP-859227 A2	Inspection device for capsule appearance	SHIONOGI QUALICAPS
EP2641812 A1	Support device for steering column	NSK - NIPPON SEIKO
EP1066013 A1	Method for producing gelatin capsules	VOSS GUNTER M, ...
US20100209145 A1	Capsule toner, two-component developer, and image forming apparatus	SHARP
EP3444026 A1	Microcapsules produced from blended sol-gel precursors and method for producing the same	INTERNATIONAL FLAVORS & FRAGRANCES
EP2664517 A1	Steering column support device and assembly method of same	NSK - NIPPON SEIKO
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US3264802 A	Capsule forming and filling machine	R P SCHERER
JP2008197287 A	Electrophotographic capsule toner	SHARP
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EP2568989 A1	Lanthanum carbonate hydroxide, lanthanum oxycarbonate and methods of their manufacture and use	UNICYCIVE THERAPEUTICS
EP2636573 A1	Steering column assist device	NSK - NIPPON SEIKO
EP-632720 A1	Hydroxyethylcellulose-based sustained-release oral drug dosage froms	DEPOMED
EP1014861 A1	Device for withdrawing biological samples	CAISLEY INTERNATIONAL
FR2187119 A	Système et procédé électroniques de contrôle de capsules.	ELI LILLY
EP2108468 A2	Hemming method and hemming device	HONDA MOTOR
EP1427055 A1	Low cost antennas using conductive plastics or conductive composites	INTEGRAL TECHNOLOGIES

Publication numbers	Title	Current assignees
WO201610207 A1	Method and apparatus for recovering high-purity gelatin from gelatin net to be generated in gelatin capsule preparation process	CHANG SUNG SOFTGEL SYSTEM
EP2035065 A2	Intradermal needle-less injection device	PERF ACTION TECHNOLOGIES
US5320812 A	Clot activating polyelectrolyte complex and blood collection assembly containing same	BECTON DICKINSON & COMPANY
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EP2299971 A1	Solid pharmaceutical formulations comprising bibw 2992	BOEHRINGER INGELHEIM INTERNATIONAL
EP3212152 A1	Method and apparatus for the manufacture of softgels	BARLEANS ORGANIC OILS
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EP1677160 A1	Toner for static charge image development, developer, method of forming image and image forming apparatus	RICOH
EP2921070 A1	Soft shell trolley suitcase	STRATIC LEDERWAREN JACOB BONIFER
CN203790307U U	Capsule filling device	SHANDONG XINMA PHARMACEUTICAL EQUIPMENT
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US4259426 A	Pressure fixable microcapsule toner and electrostatic image developing method	MERLO ARMANDO M
EP-828582 A1	Ribbon-like core interconnection elements	FORMFACTOR
US2663128 A	Method and machine for making capsules	AMERICAN CYANAMID
EP1094794 A2	Dry-copying method for producing flat, individually dosed preparations of active agents	LTS LOHMANN THERAPIE SYSTEME
EP-705931 A1	Nonwoven of mixed electret fibres with improved charge stability, method of production and its use	TREVIRA
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EP-261686 A1	Process for producing encapsulated toner.	CANON
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EP1951232 A2	Methods of reducing alcohol-induced dose dumping for opioid sustained release oral dosage forms	ALZA
US6210349 B1	Roller massaging apparatus	PANASONIC ELECTRIC WORKS
EP2600783 A2	Systems and methods for ultrasound treatment	GUIDED THERAPY SYSTEMS
EP3041921 A1	Pouches comprising water-soluble fibrous wall materials and methods for making same	PROCTER & GAMBLE
AU2013200828 A1	Oral dosage forms with therapeutically active agents in controlled release cores and immediate release gelatin capsule coats	PAIN THERAPEUTICS
WO2013181779 A1	End face clamping tool for workpiece	LINIX MOTOR

Family 1/100 - FAMPAT - ©Questel

Title

(EP1755565)

Soft gelatin capsule comprising omega-3 polyunsaturated fatty acid

Images



Publication numbers with kind code & date

PL1755565	T5	2018-06-29	PL1755565
BRPI0507473	B1	2018-06-19	BR200507473
DK1755565	T4	2018-05-22	DK1755565T
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WO2005/079853	A2	2005-09-01	WO200579853
GB0403247	D0	2004-03-17	GB200403247

Abstract

(EP1755565)

A pharmaceutical formulation comprising at least one omega-3 polyunsaturated fatty acid in free acid form or a pharmacologically acceptable derivative thereof is contained in a soft gelatin capsule chararcterised in that the capsule comprises gelatin extracted by an extraction process comprising acid pre-treatment of a collagen source. One advantage of the present invention over a soft gelatin capsule containing the same formulation but comprising gelatin extracted by an extraction process comprising alkali pre-treatment of the collagen source is that the present invention does not harden significantly over time and thus has a longer shelf life.

Inventors

SACHETTO JEAN-PIERRE

BUFTON ROLY

BUSER THOMAS

Latest standardized assignees - inventors removed

CHRYSALIS PHARMA

Family 2/100 - FAMPAT - ©Questel

Title

(EP1029538)

Soft gelatin capsule manufacture

Images

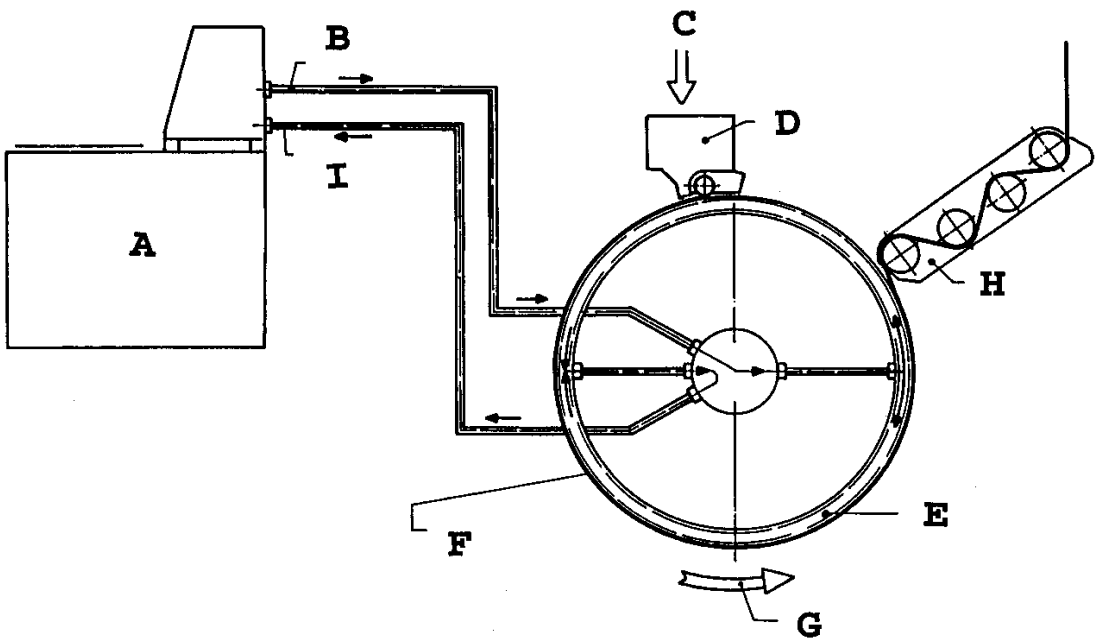


FIGURE 1

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ITRM940613	D0	1994-09-26	IT94RM0613
NO943563	D0	1994-09-26	NO9403563

Abstract

(EP1029538)

Soft gelatin capsules having a capsule shell comprising gelatin, plasticizers and, if desired or required, further auxiliary agents, and a capsule filling containing a solvent including a migrateable solvent such as 1,2-propyleneglycol as a solvent in the capsule filling and in the capsule shell. The manufacture of said capsules is improved, if in the process for making the soft gelatin capsules the gelatin bands are cooled with a liquid, and preferably with water.

Inventors

BROX WERNER

ZANDE HORST

MEINZER ARMIN DR

Latest standardized assignees - inventors removed

R P SCHERER

NOVARTIS

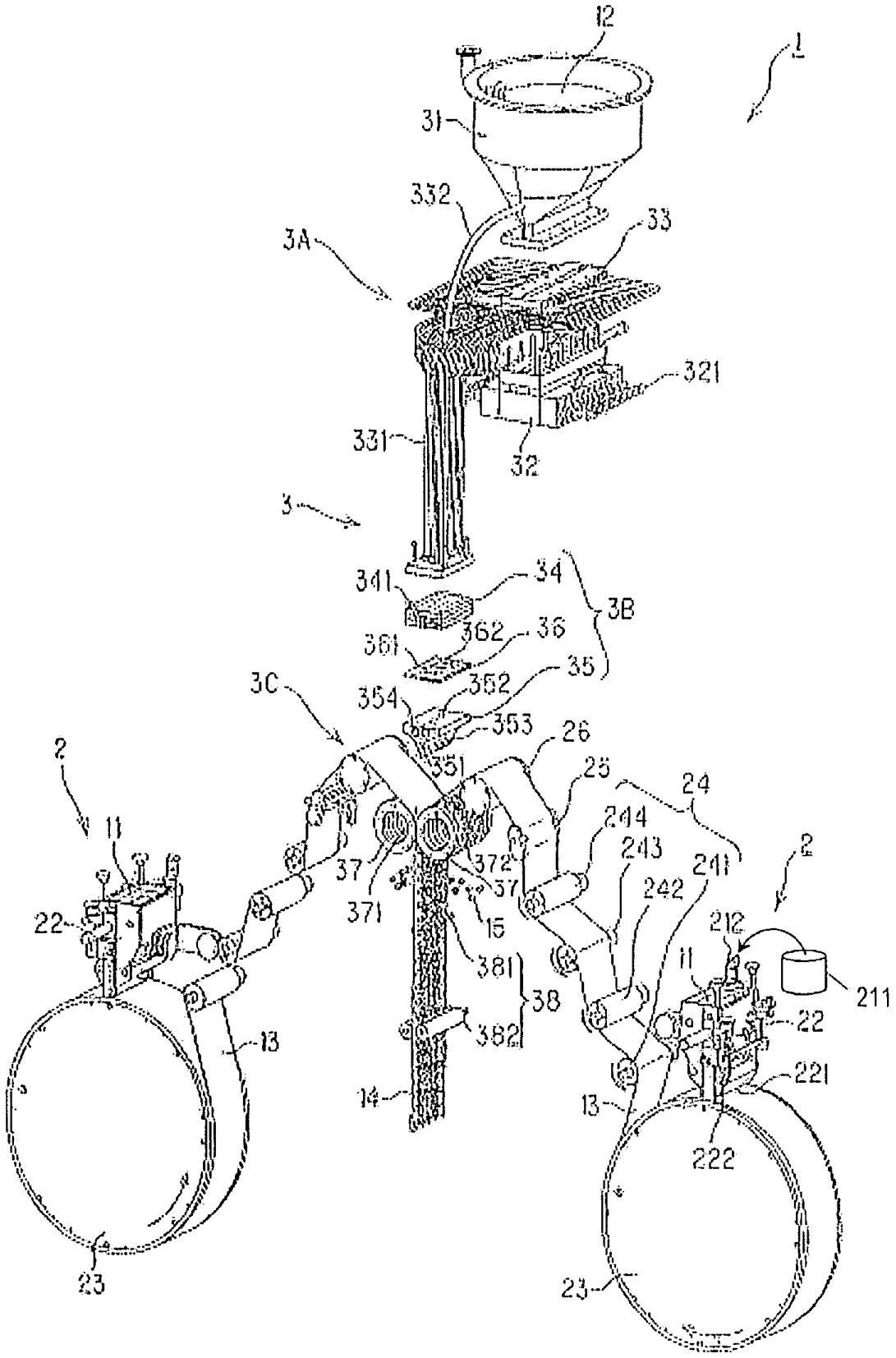
Family 3/100 - FAMPAT - ©Questel

Title

(EP1787622)

Soft capsule manufacturing apparatus

Images



Publication numbers with kind code & date

CN1965779	B	2012-04-18	CN1965779B
KR10-0979586	B1	2010-09-01	KR100979586
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EP1787622	B1	2010-03-31	EP1787622
US7377760	B2	2008-05-27	US7377760
EP1787622	A3	2007-08-29	EP1787622
JP2007135924	A	2007-06-07	JP2007135924

US20070116790	A1	2007-05-24	US20070116790
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EP1787622	A2	2007-05-23	EP1787622
KR10-2007-0053136	A	2007-05-23	KR20070053136
JP3836494	B1	2006-08-04	JP3836494

Abstract

(EP1787622)

In a sheet forming part 2 of a soft capsule manufacturing apparatus 1, a drum drive system 27 which forms a gelatin sheet 13, and a pickup roller drive system 28 which peels off the gelatin sheet 13 are constructed to drive separately from each other. In the drum drive system 27, a film-sheet forming drum 23 is driven by a first motor 271, while in the pickup-roller drive system 28, a pickup roller 24 is driven by a second motor 281. The first motor and the second motor are controlled in speed separately from each other, so that the film-sheet forming drum rotates at a suitable speed for forming film sheet on the peripheral surface and the pickup roller rotates at a suitable speed for peeling off the adhered film sheet on the peripheral surface of the film-sheet forming drum, whereby gelatin sheet jamming and double-rolling on the film-sheet forming drum, which would be caused by too weak peeling force of the pickup roller, and gelatin sheet damage between the pickup roller and the film-sheet forming drum, which would be caused by too strong peeling force.

Inventors

TAKAYANAGI TETSUO

Latest standardized assignees - inventors removed

KABUSHIKI BAISHA KAMATA

KAMATA MACHINE

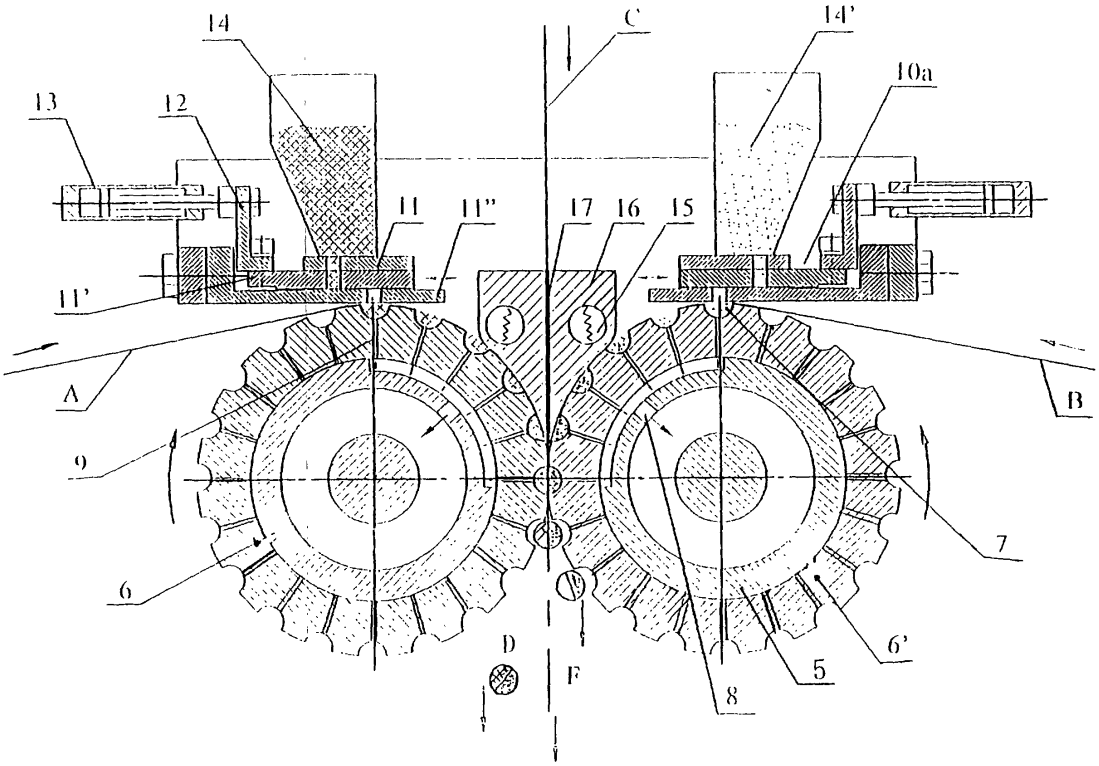
Family 4/100 - FAMPAT - ©Questel

Title

(WO200154645)

A soft capsule packaging machine

Images



Publication numbers with kind code & date

CN1109627	C	2003-05-28	CN1109627C
CN1306935	A	2001-08-08	CN1306935

AU2999601	A	2001-08-07	AU200129996
WO01/54645	A1	2001-08-02	WO200154645

Abstract

(WO01/54645)

A soft capsule packaging machine comprises a pair of die rolls (6, 6') for pressing formed wrappings, a material metering feeding device with respect to each die rolls and a wedge heater (16, 16a-d) between the pair of die rolls, a packaging film feeding device for conveying to each die rolls the packaging films (A, B) which are used to form the shell of the capsule, a diaphragm feeding device for conveying the diaphragm (C) which is used to form separate cells. This machine can produce an integrated capsule having a plurality of closed cells spaced each other for filling different materials and can be used for the package of drug, cosmetic and food.

Inventors

YI JONGKANG

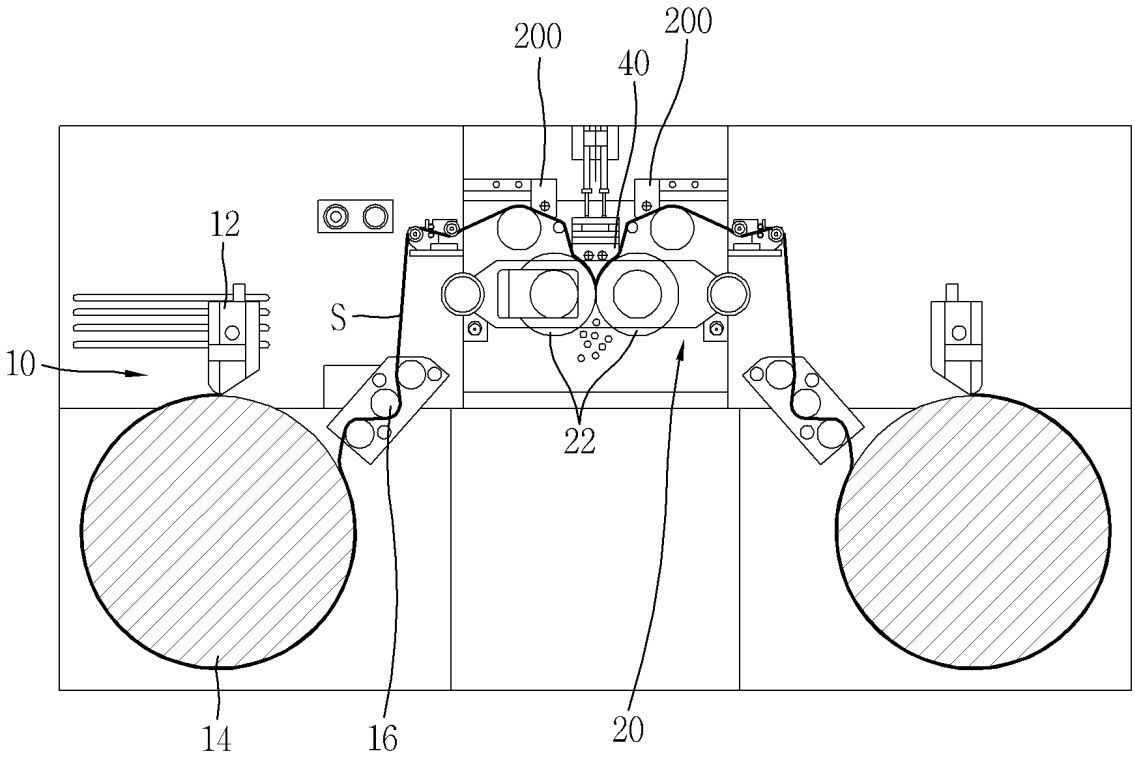
Family 5/100 - FAMPAT - ©Questel

Title

(KR200445951U)

Apparatus for manufacturing of soft capsule

Images



Publication numbers with kind code & date

KR20-0445951	Y1	2009-09-11	KR200445951U
KR20-2009-0005947	U	2009-06-17	KR20090005947U

Abstract

(KR20-2009-0005947)

The present invention relates to an apparatus for manufacturing soft capsules as, just before the molding soft gelatin sheet 2 can be heated to the intermittent so that, even if the rate of production of the soft capsule is produced is poor height to prevent the soft capsule manufacturing apparatus that is used to present invention.

In order to achieve the above object of the present invention comprises, sheet forming unit, a capsule forming unit includes a collecting unit of the capsule and apparatus for making a soft capsule, wherein the sheet forming unit and the sheet is provided between the capsule forming unit passes through a shaping unit has cooled to a predetermined temperature to heat the gelatin sheet 2 so that the step is provided with a heating means and is characterized by being.

Inventors

LEE, JUNG OK

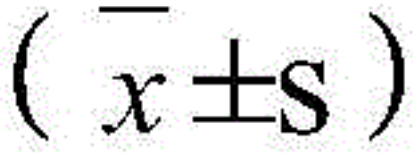
Family 6/100 - FAMPAT - ©Questel

Title

(CN103961396)

A kind of health care soft capsule and preparation technology thereof

Images



Publication numbers with kind code & date

CN103961396	B	2017-05-10	CN103961396B
CN103961396	A	2014-08-06	CN103961396

Abstract

(CN103961396)

The present invention discloses a kind of health care soft capsule, comprises softgel shell and content, and wherein, content is equipped with pharmaceutically acceptable adjuvant by frozen dry powder of sheep placenta, soybean extract, Radix Oenotherae erythrosepalae oil and makes.Health care soft capsule of the present invention is aided with Radix Oenotherae erythrosepalae oil, soybean extract with frozen dry powder of sheep placenta, can play the effect of maintenance and play good anti-oxidation function ovary, can obviously alleviate senile plaque, reduces wrinkle, and slow down aging is alleviated menopause syndrome.

Inventors

HUANG YUANYING

YIN GUANGLING

Latest standardized assignees - inventors removed

BY HEALTH

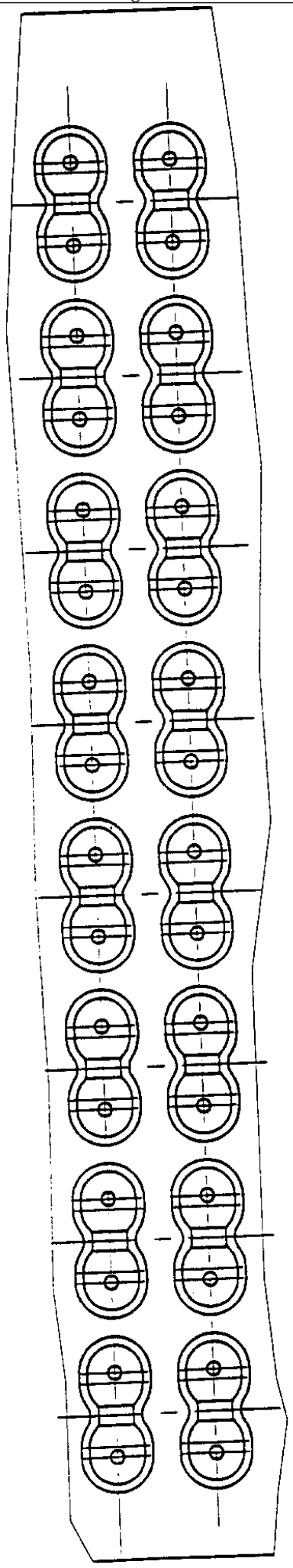
Family 7/100 - FAMPAT - ©Questel

Title

(CN2421249U)

Equipment for manufacturing soft capsule

Images



Publication numbers with kind code & date

CN2421249	Y	2001-02-28	CN2421249U

Abstract

(CN2421249)

The utility model provides manufacturing equipment for a soft capsule, which comprises a feeding device, paired roller dies, a spray body, and a rubber preparation and delivery device. Rubber sheets are respectively guided and conveyed on each roller die. Multiple rows of die pressing grooves are arranged at the contact position of the pair roller dies. The corresponding die pressing grooves on the pair roller dies can be completely sealed and combined. A material metering and feeding mechanism is arranged on each roller die. Air pumping holes and exhaustion mechanisms communicated with the air pumping holes are arranged in the roller dies. The manufacturing equipment for a soft capsule can once manufacture a soft capsule which has a plurality of closed chambers to seal different materials so that the production cost can be reduced, the manufacturing procedure of products can be simplified, and the encapsulation of liquid, paste-shaped materials, and powder lot can be completed. One machine with multiple functions can be realized.

Inventors

YI ZHONGKANG

Family 8/100 - FAMPAT - ©Questel

Title

(EP1790336)

Composition for capsule film, capsule film, and capsule made with the same

Images

※ Adhesion Ratio (%) = (Average Adhesion Thickness (mm) / 0.90 mm) × 100

Publication numbers with kind code & date

CA2575396	C	2012-11-13	CA2575396
KR10-1156789	B1	2012-06-18	KR101156789
EP1790336	A4	2012-04-04	EP1790336
IN251140	B	2012-03-02	IN-251140
AU2005265617	B2	2010-09-30	AU2005265617
CN100518723	C	2009-07-29	CN100518723C
TWI309984	B	2009-05-21	TWI309984
IN0304/KOLNP/2007	A	2007-07-06	IN2007KN00304
EP1790336	A1	2007-05-30	EP1790336
CN1960717	A	2007-05-09	CN1960717
KR10-2007-0041675	A	2007-04-19	KR20070041675
JP2006328038	A	2006-12-07	JP2006328038
JP2006328044	A	2006-12-07	JP2006328044
US20060182798	A1	2006-08-17	US20060182798
TW200613010	A	2006-05-01	TW200613010
JP3790258	B1	2006-04-07	JP3790258
AU2005265617	A1	2006-02-02	AU2005265617
AU2005265617	A2	2006-02-02	AU2005265617
CA2575396	A1	2006-02-02	CA2575396
WO2006/011592	A1	2006-02-02	WO200611592

Abstract

(EP1790336)

The present invention provides a composition for capsule coating which can highly suppress the decrease in gelatin-coating solubility over time, and particularly, can also impart a sufficient capsular strength when is applied to a soft capsule, and also provides a capsule coating and a capsule using the same. The composition for capsule coating is characterized

by containing a gelatin (A) and an inositol phosphate (B) represented by a general formula: C 6 H12-n · (H 2 PO 4) n (wherein n represents an integer from 1 to 6).

Inventors

SHIMOKAWA YOSHIYUKI

SHIRAISHI SUMIHIRO

MIHARA MIKA

Latest standardized assignees - inventors removed

WAKUNAGA PHARMACEUTICAL

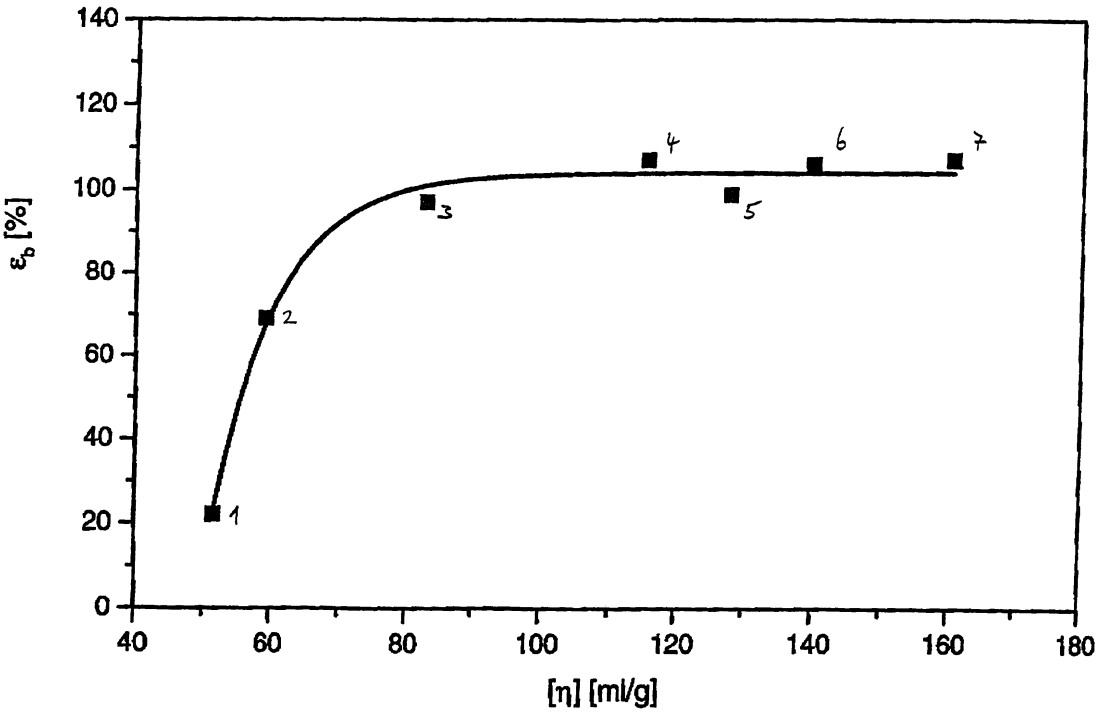
Family 9/100 - FAMPAT - ©Questel

Title

(EP1229904)

Method for producing a moulded body containing starch

Images



Publication numbers with kind code & date

PL204120	B1	2009-12-31	PL-204120
CN100379409	C	2008-04-09	CN100379409C
IL149425	B	2008-02-10	IL-149425
KR100795381	B1	2008-01-17	KR100795381
CA2391963	C	2007-10-30	CA2391963
JP2007167637	A	2007-07-05	JP2007167637
IN202444	B	2007-02-02	IN-202444
ES2242371	T3	2005-11-01	ES2242371
AU783089	B2	2005-09-22	AU-783089
PT1103254	E	2005-07-29	PT1103254
IN0726/CHENP/2002	A	2005-05-20	IN2002CN00726
DE59911807	D1	2005-04-28	DE59911807
AT291420	T	2005-04-15	ATE291420
EP1103254	B1	2005-03-23	EP1103254
ZA200203938	B	2005-01-18	ZA200203938
US6790495	B1	2004-09-14	US6790495
PL356177	A1	2004-06-14	PL2000356177

JP2004510456	A	2004-04-08	JP2004510456
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RU2002116368	A	2004-01-20	RU2002116368
MXPA02004980	A	2003-10-14	MX2002PA004980
CZ20021700	A3	2003-06-18	CZ200201700
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CO5261553	A1	2003-03-31	CO5261553A1
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VN7521	A	2003-01-27	VN---7521
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KR20020082460	A	2002-10-31	KR20020082460
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EP1229904	A1	2002-08-14	EP1229904
BR0015669	A	2002-07-23	BR200015669
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AU1262801	A	2001-06-04	AU200112628
CA2391963	A1	2001-05-31	CA2391963
WO01/37817	A1	2001-05-31	WO200137817
EP1103254	A1	2001-05-30	EP1103254

Abstract

(EP1229904)

The invention relates to a method for producing a moulded body containing starch and to a homogenised material containing starch or a moulded body produced from the same. The inventive method is carried out in such a way that the value of the Staudinger index of the resulting material is at least 40 ml/g, which guarantees a strain at break of the extruded material of at least 100 % at encapsulation temperature. Soft capsules with a one-piece capsule cover in particular can be produced from this material in a rotary die process.

Inventors

TOMKA IVAN

ENGEL DIETER WOLFGANG

BROCKER ERICH

MENARD RICO

Latest standardized assignees - inventors removed

SWISS CAPS RECHTE & LIZENZEN

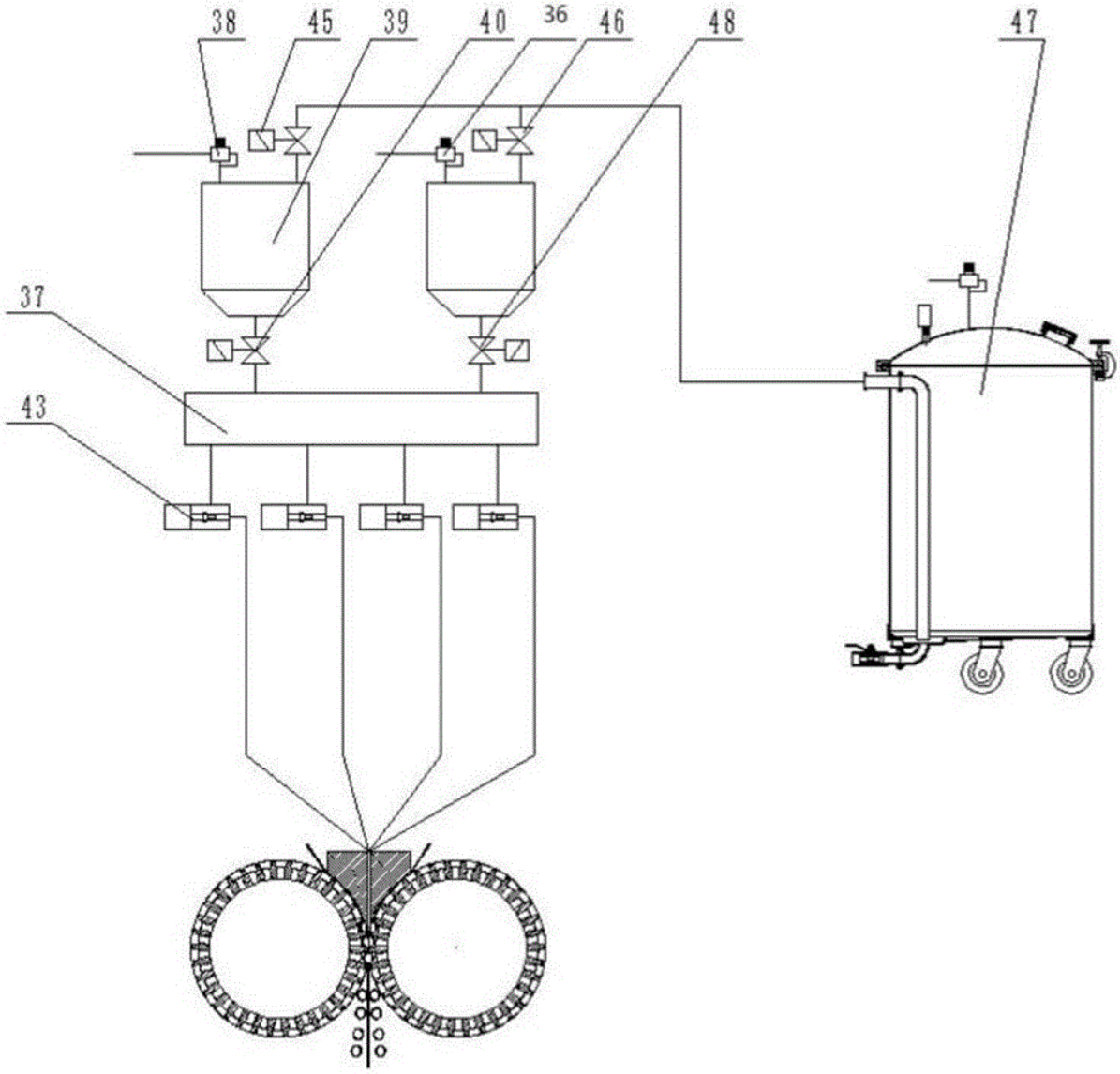
Family 10/100 - FAMPAT - ©Questel

Title

(CN210501376U)

High-speed mute valve material injection soft capsule machine

Images



Publication numbers with kind code & date

CN210501376	U	2020-05-12	CN210501376U

Abstract

(CN210501376)

A high-speed mute valve material injection soft capsule machine comprises a machine head part and a material supply system, and the material supply system comprises a material supply barrel, a material supply tank, a material supply valve, a pressure reducing valve, a first stop valve, a buffer box and a high-frequency stop valve; wherein the feeding barrel is connected with the feeding tank through a pipeline and a feeding valve, a pressure reducing valve is arranged on the feeding tank, the feeding tank is connected with the buffer tank through a stop valve, and a plurality of high-frequencystop valves are arranged at the bottom of the buffer tank and used for feeding capsules respectively. The machine head part comprises a left die shaft servo speed reduction end machine and a right die shaft servo speed reduction end machine, and a left die shaft servo speed reduction motor and a right die shaft servo speed reduction motor drive a left die shaft and a right die shaft in the machine head part to rotate in opposite directions and drive a left die and a right die to rotate in opposite directions to be used for sticking and cutting soft capsules. According to the utility model, traditional technologies such as worm and gear, gear and crank slider impact in the prior art are replaced, the working efficiency is greatly improved, die gear replacement and feeding pump injection amount adjustment can be simply operated through a touch screen, and the transmission noise is remarkably reduced.

Inventors

GUAN ZHIJIE

ZHANG WEI

XU JIKUAN

Latest standardized assignees - inventors removed

BEIJING XINHANGCHENG SCIENCE & TECHNOLOGY DEVELOPMENT

Family 11/100 - FAMPAT - ©Questel

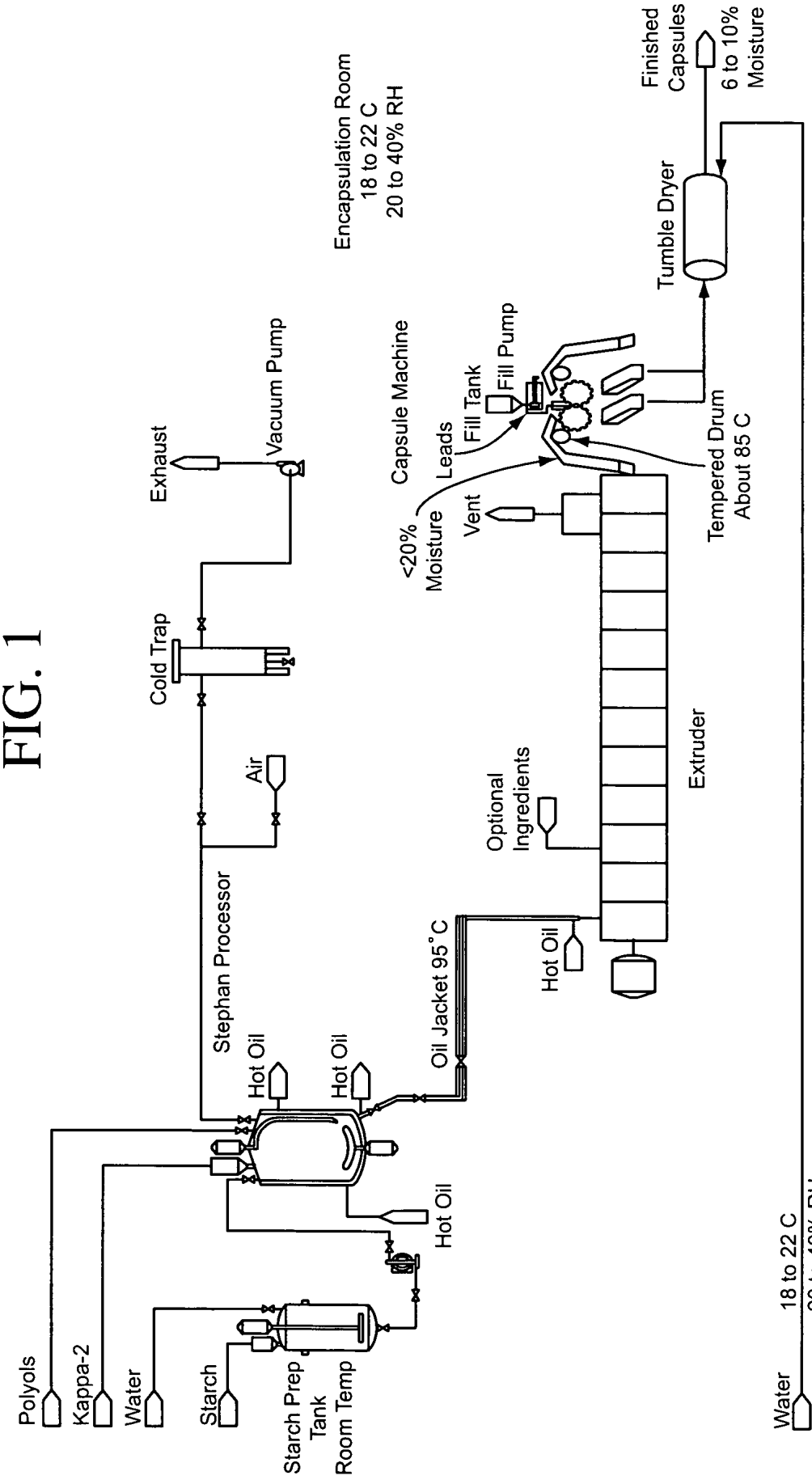
Title

(EP1617815)

Process for making gel films

Images

FIG. 1



Publication numbers with kind code & date

BRPI0409357	B1	2018-02-06	BR200409357
PL1628643	T3	2013-09-30	PL1628643

SI1628643	T1	2013-07-31	SI1628643T
EP1628643	B9	2013-06-12	EP1628643
EP1628643	B1	2013-02-27	EP1628643
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JP4558721	B2	2010-10-06	JP4558721
US7807194	B2	2010-10-05	US7807194
EP1622594	A4	2010-07-14	EP1622594
CN1832748	B	2010-05-05	CN1832748B
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EP1628643	A4	2010-01-06	EP1628643
CN100569224	C	2009-12-16	CN100569224C
IN236994	B	2009-12-04	IN-236994
US20090208569	A1	2009-08-20	US20090208569
RU2341250	C2	2008-12-20	RU2341250
RU2341290	C2	2008-12-20	RU2341290
US20080089934	A1	2008-04-17	US20080089934
IN4644/DELNP/2005	A	2007-11-09	IN2005DN04644
JP2007528357	A	2007-10-11	JP2007528357
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IN4646/DELNP/2005	A	2007-09-28	IN2005DN04646
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JP2007525451	A	2007-09-06	JP2007525451
JP2007525551	A	2007-09-06	JP2007525551
ZA200508252	B	2007-04-25	ZA200508252
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CN1871016	A	2006-11-29	CN1871016
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CN1791388	A	2006-06-21	CN1791388
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WO2004/091533	A3	2006-05-18	WO200491533
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EP1620114	A2	2006-02-01	EP1620114
EP1617815	A2	2006-01-25	EP1617815
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WO2004/091527	A3	2005-08-18	WO200491527
WO2004/091537	B1	2005-07-14	WO200491537
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WO2004/091538	B1	2005-05-26	WO200491538
WO2004/091529	B1	2005-05-19	WO200491529
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WO2004/091537	A3	2005-05-06	WO200491537
WO2004/091539	A3	2005-05-06	WO200491539
US20050084516	A1	2005-04-21	US20050084516
WO2004/091530	B1	2005-04-21	WO200491530
WO2004/091538	A3	2005-04-07	WO200491538
WO2004/091528	B1	2005-03-24	WO200491528
WO2004/091530	A3	2005-03-03	WO200491530
WO2004/091529	A3	2005-02-24	WO200491529
US20050019374	A1	2005-01-27	US20050019374
WO2004/091528	A3	2005-01-27	WO200491528
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CA2522296	A1	2004-10-28	CA2522296
CA2522297	A1	2004-10-28	CA2522297
CA2522298	A1	2004-10-28	CA2522298
WO2004/091527	A2	2004-10-28	WO200491527
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WO2004/091530	A2	2004-10-28	WO200491530
WO2004/091532	A2	2004-10-28	WO200491532

WO2004/091533	A2	2004-10-28	WO200491533
WO2004/091537	A2	2004-10-28	WO200491537
WO2004/091538	A2	2004-10-28	WO200491538
WO2004/091539	A2	2004-10-28	WO200491539

Abstract

(EP1617815)

The present invention is directed to a process for making homogeneous, thermoreversible gel films comprising the steps of: (i) heating, hydrating, mixing, solubilizing, and, optionally, de-aerating a high solids, low moisture film forming composition in an apparatus providing sufficient shear, temperature and residence time to form a homogeneous molten composition, wherein the temperature is at or above the solubilizing temperature of said composition; (ii) feeding the molten composition into at least one of a mixer, pump or devolatilizer; and (iii) cooling the homogeneous molten composition at or below its gelling temperature to form said gel films. The present invention is also directed to various products made from such films, such as the gel films themselves, soft capsules, solid dosage forms and delivery systems.

Inventors

BALLARD ARTHUR D
SEWALL CHRISTOPHER J
MODLISZEWSKI JAMES J
BLAKEMORE WILLIAM R
RILEY PETER J

Latest standardized assignees - inventors removed

DUPONT NUTRITION BIOSCIENCES

Family 12/100 - FAMPAT - ©Questel

Title

(EP1926480)

Method for the production of soft capsule envelopes based on polyvinyl alcohol-polyethylene glycol graft copolymers

Images

Polymer	Pfropfgrundlage	Vinylester	K-Wert	Verseifungs-grad [%]
1	PEG 1500[1] 72 g	Vinylacetat, 410 g	47	> 96
2	PEG 4000 72 g	Vinylacetat, 410 g	51	> 96

Publication numbers with kind code & date

EP1926480	B1	2013-07-17	EP1926480
BRPI0615581	A2	2012-12-11	BR200615581
JP5031749	B2	2012-09-26	JP5031749
US20100283178	A1	2010-11-11	US20100283178
JP2009507950	A	2009-02-26	JP2009507950
CN101304733	A	2008-11-12	CN101304733
EP1926480	A2	2008-06-04	EP1926480
WO2007/028758	A3	2007-05-10	WO200728758
DE102005043172	A1	2007-03-15	DE102005043172
WO2007/028758	A2	2007-03-15	WO200728758

Abstract

(EP1926480)

Disclosed is a method for producing gelatin-free soft capsule envelopes based on polyvinyl alcohol-polyether graft polymers as enveloping polymers. Said method is characterized in that an aqueous solution containing at least 45 percent

by weight of a polymer component which comprises a polyvinyl alcohol-polyether graft polymer or a mixture of polyvinyl alcohol-polyether graft polymers and polyvinyl alcohol is heated, the percentage being in relation to the total weight of the solution, the solution is extruded at a minimum temperature of 70 °C, and the obtained film is solidified by cooling.

Inventors

KOLTER KARL
MITTWOLLEN JAN-PETER
SCHILLO SIMONE
MEYER-BOEHM KATHRIN
ANGEL MAXIMILIAN

Latest standardized assignees - inventors removed

BASF

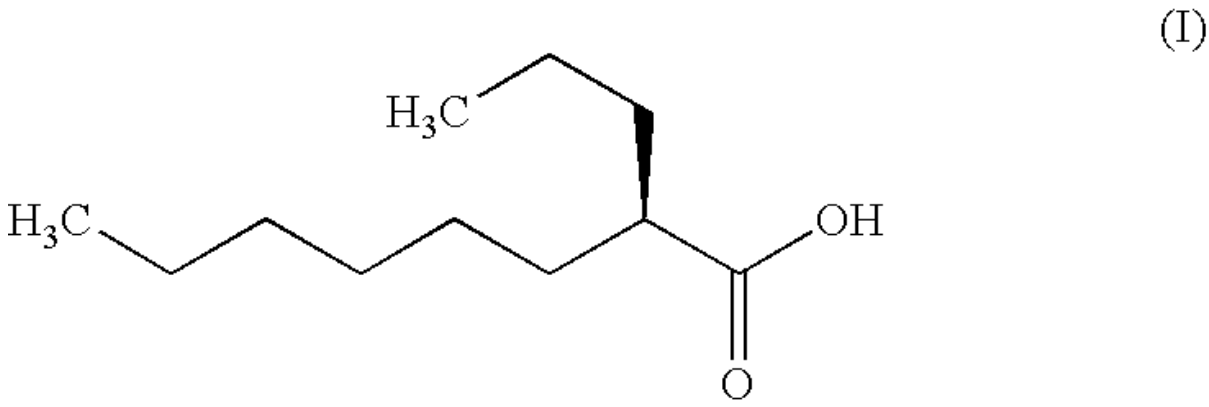
Family 13/100 - FAMPAT - ©Questel

Title

(EP1754479)

Capsule stable against mastication

Images



Publication numbers with kind code & date

JP5615478	B2	2014-10-29	JP5615478
EP1754479	A4	2011-03-23	EP1754479
RU2384325	C2	2010-03-20	RU2384325
ZA200610307	B	2008-07-30	ZA200610307
RU2006147223	A	2008-07-20	RU2006147223
US20080057115	A1	2008-03-06	US20080057115
BRPI0512000	A	2008-01-22	BR200512000
CN101001622	A	2007-07-18	CN101001622
IN4534/CHENP/2006	A	2007-06-29	IN2006CN04534
IL179967	A	2007-05-15	IL-179967
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JPWO2005120490	A1	2005-12-22	JP2005120490W
WO2005/120490	A1	2005-12-22	WO2005120490

Abstract

(EP1754479)

The present invention relates to a soft capsule which is easily disintegrated in the stomach, wherein the contents thereof

are not easily leaked at the time of mastication, which is obtained by providing a soft capsule comprising (2R)-2-propyloctanoic acid or a salt thereof with at least one property, preferably all properties, selected from (A) wherein it has a strength of 150 to 400 N by a cracking test; (B) wherein it has a disintegration time of 3 to 10 minutes by the disintegration test stipulated in Japanese Pharmacopoeia; (C) wherein the capsule shell has a shell thickness of 0.05 to 0.50 mm; (D) wherein the capsule shell has a first seam thickness of 0.10 to 0.55 mm; (E) wherein the capsule shell has a second seam thickness of 0.05 to 0.50 mm; (F) wherein the capsule shell has a water content of 5.0 to 9.0%.

Inventors

OKAMOTO ICHIRO
MIYAMOTO YUJI
NISHIMURA HIDEKATSU

Latest standardized assignees - inventors removed

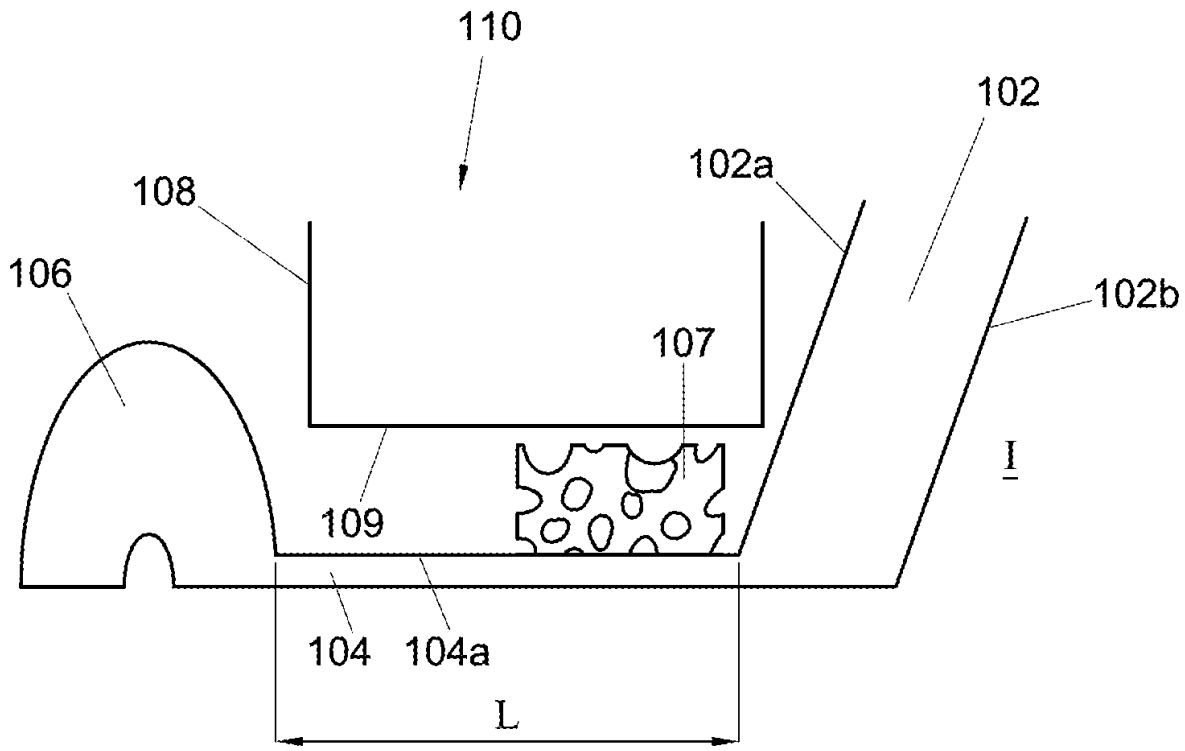
ONO PHARMACEUTICAL

Family 14/100 - FAMPAT - ©Questel

Title

(EP2443047)
Capsule comprising an extractable product

Images



Publication numbers with kind code & date

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PL3150512	T3	2020-08-10	PL3150512
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PL2630899	T3	2020-03-31	PL2630899
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ES2748140	T3	2020-03-13	ES2748140
ES2740473	T3	2020-02-05	ES2740473
ES2738601	T3	2020-01-24	ES2738601
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RU2678375	C2	2019-01-28	RU2678375
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RU2017109241	A3	2018-09-21	RU2017109241
IL217020	B	2018-09-20	IL-217020
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US9944456	B2	2018-04-17	US9944456
PL2966007	T3	2018-03-30	PL2966007
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KR10-1828727	B1	2018-02-12	KR101828727
NO2966007	T3	2018-02-10	NO2966007
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JP6182126	B2	2017-08-16	JP6182126
JP6174858	B2	2017-08-02	JP6174858
AU2009347078	C1	2017-07-20	AU2009347078

CA2765320	C	2017-06-27	CA2765320
BRPI0925096	A2	2017-05-30	BR200925096
DK2367739	T4	2017-05-08	DK2367739T
RU2617098	C2	2017-04-20	RU2617098
CY1116950	T1	2017-04-05	CY1116950
EP3150512	A1	2017-04-05	EP3150512
US9611089	B2	2017-04-04	US9611089
EP2367739	B2	2017-02-22	EP2367739
CA2764949	C	2017-02-21	CA2764949
CY1116427	T1	2017-02-08	CY1116427
IL247223	A	2016-09-29	IL-247223
US20160264349	A1	2016-09-15	US20160264349
IL217018	B	2016-08-31	IL-217018
JP2016152921	A	2016-08-25	JP2016152921
AU2016204702	A1	2016-07-28	AU2016204702
CY1113962	T1	2016-07-27	CY1113962
RU2592021	C2	2016-07-20	RU2592021
HUE026245	T2	2016-06-28	HUE026245
RU2014141831	A	2016-05-10	RU2014141831
RS54417	B1	2016-04-28	RS--54417
SG10201602004T	A	2016-04-28	SG10201602004T
BRPI0925312	A2	2016-04-26	BR200925312
AU2009347080	B2	2016-04-14	AU2009347080
KR10-2016-0040729	A	2016-04-14	KR20160040729
US9307857	B2	2016-04-12	US9307857
AU2009347070	B2	2016-04-07	AU2009347070
AU2009347078	B2	2016-04-07	AU2009347078
PL2443046	T3	2016-03-31	PL2443046
JP5897086	B2	2016-03-30	JP5897086
AU2009345862	B2	2016-03-24	AU2009345862
HK1208850	A1	2016-03-18	HK1208850
HUE025227	T2	2016-02-29	HUE025227
PL2361205	T3	2016-02-29	PL2361205
SI2361205	T1	2016-02-29	SI2361205T
JP2016027892	A	2016-02-25	JP2016027892
SMT201500323	B	2016-02-25	SMT201500323
BRPI0925097	A2	2016-02-16	BR200925097
PT2443046	E	2016-01-20	PT2443046
ES2556599	T3	2016-01-19	ES2556599
MX336438	B	2016-01-19	MX-336438
HRP20151234	T1	2016-01-15	HRP20151234
MX336330	B	2016-01-15	MX-336330
EP2966007	A1	2016-01-13	EP2966007
DK2443046	T3	2016-01-04	DK2443046T
CN102498049	B	2015-12-16	CN102498049B
ES2553596	T3	2015-12-10	ES2553596
DK2361205	T3	2015-12-07	DK2361205T
PT2361205	E	2015-12-01	PT2361205
RS54092	B1	2015-10-30	RS--54092
SMT201500202	B	2015-10-30	SMT201500202
ME02173	B	2015-10-20	ME---2173
JP2015171537	A	2015-10-01	JP2015171537

EP2443046	B1	2015-09-16	EP2443046
PL2387922	T3	2015-08-31	PL2387922
SI2387922	T1	2015-08-31	SI2387922T
CN102482031	B	2015-08-19	CN102482031B
EP2361205	B1	2015-08-19	EP2361205
HRP20150669	T1	2015-08-14	HRP20150669
PT2387922	E	2015-08-03	PT2387922
ES2540784	T3	2015-07-13	ES2540784
DK2387922	T3	2015-06-29	DK2387922T
SG10201502891S	A	2015-06-29	SG10201502891S
CN104495107	A	2015-04-08	CN104495107
EP2387922	B1	2015-03-25	EP2387922
JP2015044025	A	2015-03-12	JP2015044025
SG176823	B	2015-02-17	SG-176823
RU2536680	C2	2014-12-27	RU2536680
JP2014240019	A	2014-12-25	JP2014240019
RU2536028	C2	2014-12-20	RU2536028
KR10-1473065	B1	2014-12-15	KR101473065
CN102612332	B	2014-12-10	CN102612332B
PL2367739	T3	2014-11-28	PL2367739
KR10-1460419	B1	2014-11-10	KR101460419
CN102574635	B	2014-11-05	CN102574635B
ES2477886	T3	2014-07-18	ES2477886
DK2367739	T3	2014-07-14	DK2367739T
KR10-1407827	B1	2014-06-17	KR101407827
RU2517805	C2	2014-05-27	RU2517805
KR10-2014-0061555	A	2014-05-21	KR20140061555
EP2367739	B1	2014-04-23	EP2367739
IL217017	B	2014-02-27	IL-217017
US20130333575	A1	2013-12-19	US20130333575
DE202009018783	U1	2013-09-19	DE202009018783
DE202009018785	U1	2013-09-19	DE202009018785
US8535743	B2	2013-09-17	US8535743
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DE202009018784	U1	2013-08-29	DE202009018784
DE202009018805	U1	2013-08-29	DE202009018805
EP2630899	A1	2013-08-28	EP2630899
RU2012101432	A	2013-07-27	RU2012101432
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HK1172874	A1	2013-05-03	HK1172874
HK1172529	A1	2013-04-26	HK1172529
ZA201200312	B	2013-03-27	ZA201200312
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ZA201200315	B	2013-03-27	ZA201200315
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IN9497/CHENP/2011	A	2013-03-15	IN2011CN09497
JP2012530527	A	2012-12-06	JP2012530527
JP2012530529	A	2012-12-06	JP2012530529
JP2012530530	A	2012-12-06	JP2012530530

JP2012530655	A	2012-12-06	JP2012530655
BRPI0925311	A1	2012-12-04	BR200925311
BRPI0925312	A1	2012-12-04	BR200925312
HK1166970	A1	2012-11-16	HK1166970
BRPI0925096	A1	2012-11-13	BR200925096
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US20120251694	A1	2012-10-04	US20120251694
US20120231123	A1	2012-09-13	US20120231123
US20120231124	A1	2012-09-13	US20120231124
US20120225168	A1	2012-09-06	US20120225168
CN102612332	A	2012-07-25	CN102612332
CN102574635	A	2012-07-11	CN102574635
CN102498049	A	2012-06-13	CN102498049
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CN102482031	A	2012-05-30	CN102482031
RS52055	B	2012-04-30	RS--52055
EP2443046	A1	2012-04-25	EP2443046
EP2443047	A1	2012-04-25	EP2443047
KR10-2012-0030538	A	2012-03-28	KR20120030538
KR10-2012-0021329	A	2012-03-08	KR20120021329
IL217017	A	2012-02-29	IL-217017
IL217018	A	2012-02-29	IL-217018
IL217020	A	2012-02-29	IL-217020
KR10-2012-0016317	A	2012-02-23	KR20120016317
AU2009345862	A1	2012-02-02	AU2009345862
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AU2009347078	A1	2012-02-02	AU2009347078
AU2009347080	A1	2012-02-02	AU2009347080
MX2011013272	A	2012-02-01	MX2011013272
HRP20110856	T1	2012-01-31	HRP20110856
SI2303077	T1	2012-01-31	SI2303077T
ES2373025	T3	2012-01-30	ES2373025
SG176745	A1	2012-01-30	SG-176745
SG176747	A1	2012-01-30	SG-176747
SG176823	A1	2012-01-30	SG-176823
MX2011013473	A	2012-01-25	MX2011013473
SMT201100060	B	2012-01-18	SMT201100060
MX2011013280	A	2012-01-12	MX2011013280
DK2303077	T3	2012-01-02	DK2303077T
EP2387922	A1	2011-11-23	EP2387922
PT2303077	E	2011-11-15	PT2303077
EP2367739	A1	2011-09-28	EP2367739
AT522168	T	2011-09-15	ATE522168
EP2303077	B1	2011-08-31	EP2303077
EP2361205	A1	2011-08-31	EP2361205
EP2361206	A1	2011-08-31	EP2361206
DE202009018209	U1	2011-06-16	DE202009018209
EP2303077	A1	2011-04-06	EP2303077
CA2764942	A1	2010-12-02	CA2764942
CA2764949	A1	2010-12-02	CA2764949
CA2765320	A1	2010-12-02	CA2765320
CA2984247	A1	2010-12-02	CA2984247

CA3070698	A1	2010-12-02	CA3070698
WO2010/137946	A1	2010-12-02	WO2010137946
WO2010/137954	A1	2010-12-02	WO2010137954
WO2010/137956	A1	2010-12-02	WO2010137956
WO2010/137957	A1	2010-12-02	WO2010137957
WO2010/137962	A1	2010-12-02	WO2010137962
CA2765324	A1	2010-11-11	CA2765324
WO2010/128844	A1	2010-11-11	WO2010128844

Abstract

(EP2443047)

Exchangeable capsule, comprising a circumferential wall, a bottom, a lid extending opposite to the bottom, and an inner space that is enclosed by the circumferential wall, the bottom, and the lid, an extractable product that is provided in the inner space, and a rim that at least partly projects towards the outside of the capsule, from a top edge of the circumferential wall, wherein the bottom comprises an entrance area for supplying fluid to the extractable product, the lid comprises an exit area for draining beverage, and the capsule comprises a reinforcement structure that extends at and/or near the rim for increasing rigidity of the rim.

Inventors

KAMERBEEK RALF

FLAMAND JOHN HENRI

POST VAN LOON ANGENITA DOROTHEA

KOELING HENDRIK CORNELIS

Latest standardized assignees - inventors removed

DOUWE EGBERTS

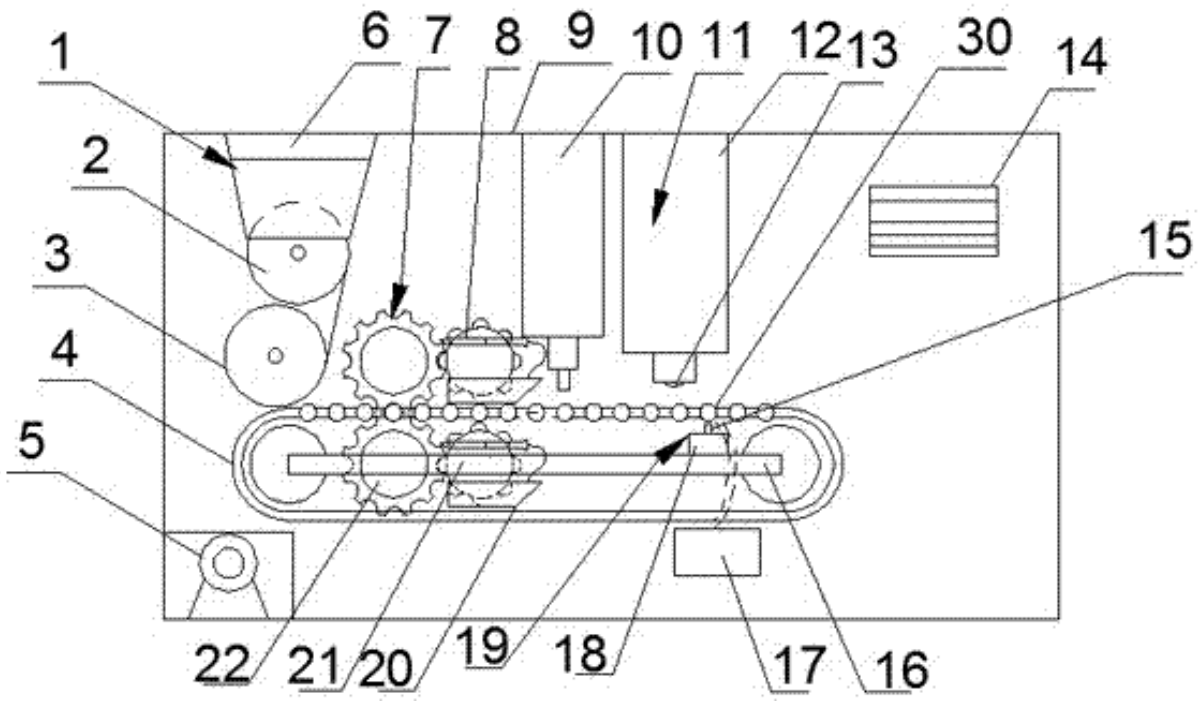
Family 15/100 - FAMPAT - ©Questel

Title

(CN207916275U)

Capsule printing detection device

Images



Publication numbers with kind code & date

CN207916275	U	2018-09-28	CN207916275U

Abstract

(CN207916275)

The utility model discloses a capsule printing detection device belongs to capsule preparation field, include frame, workstation, conveying link joint and set gradually feed arrangement, printing device, detection device, the waste product removing devices of conveying link joint top, the conveying link joint is equipped with the bar groove, the bar groove includes capsule end portion of placing and middle fretwork portion, middle fretwork portion to both sides extend form with communicating side fretwork portion of middle fretwork portion, printing device is including establishing at conveying link joint printing unit upper and lower and symmetry each other, the printing unit includes printing gear, steel pattern cam, toner cartridge and notes china ink ware. The utility model provides aprior art easily take place to skid at printing in -process capsule, the printing is blurring, the problem of scroll appears, has improved efficiency and quality that the capsule printing detected, simple and practical.

Inventors

ZHANG WEIGANG

RAO XINGWEI

Latest standardized assignees - inventors removed

CHENGDU AOKANG MEDICINAL CAPSULE

Family 16/100 - FAMPAT - ©Questel

Title

(EP2631184)

Drop tower, and accelerating capsule and payload carrier for the same

Images

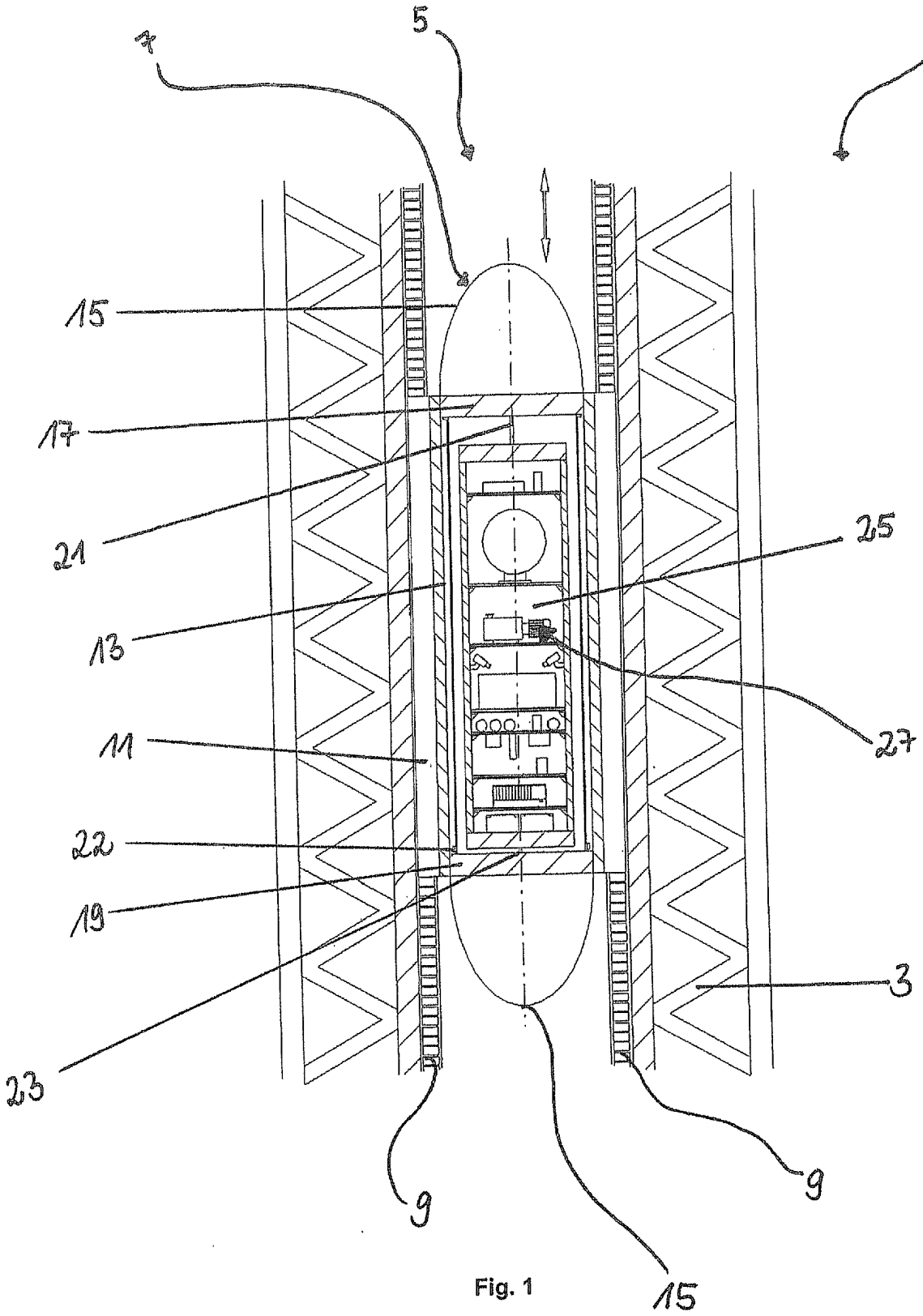


Fig. 1

Publication numbers with kind code & date

EP2631184	B1	2016-09-14	EP2631184
EP2631184	A1	2013-08-28	EP2631184
DE202012001827	U1	2013-07-18	DE202012001827

Abstract

(EP2631184)

The drop tower (1) has an interior stretching in the tower and a payload carrier for experimental structures, which is movable in the interior (5) in vertical direction such that during the movement a condition of reduced gravitational force temporarily prevails. An acceleration capsule (7) designed for enclosing a payload carrier (25) is movable vertically by a

linear drive in controlled manner. The acceleration capsule is designed for pressure-tight or aerodynamic enclosure of the payload carrier. An independent claim is included for an acceleration capsule with a payload carrier.
(From EP2631184 A1)

Inventors

KACZMARCZIK ULRICH

Latest standardized assignees - inventors removed

ZARM FALLTURM BETRIEBSGESELLSCHAFT MBH

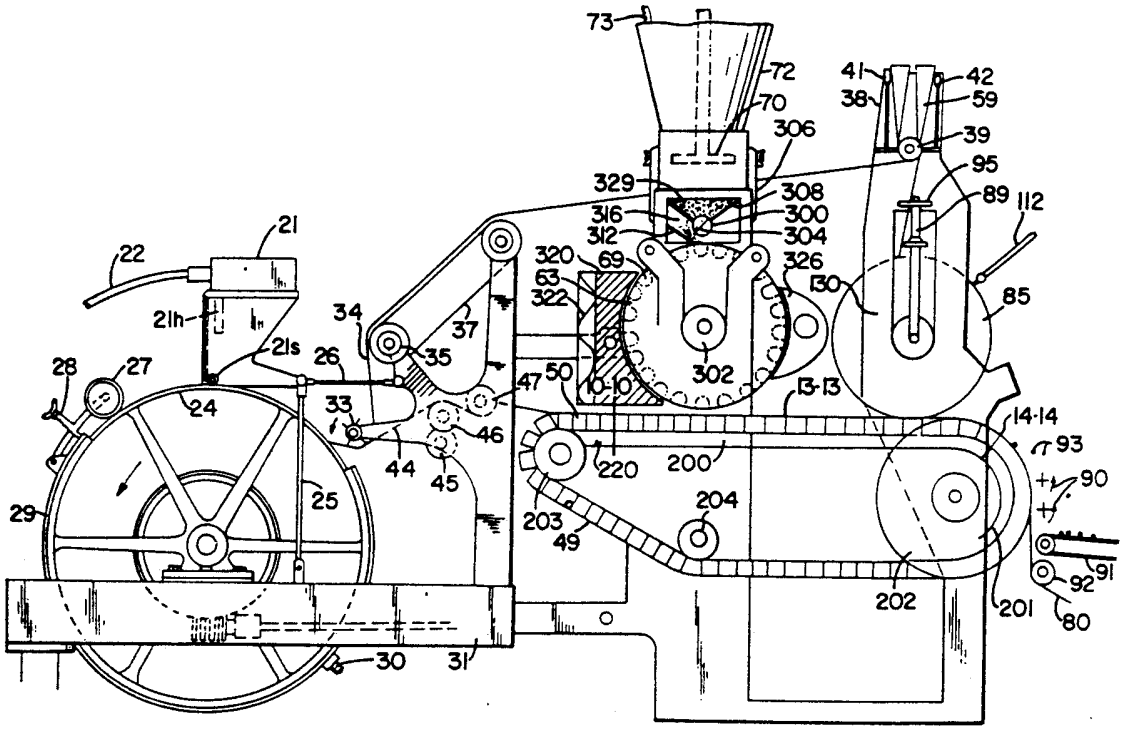
Family 17/100 - FAMPAT - ©Questel

Title

(US5074102)

Flat track modified soft shell capsule filling machine

Images



Publication numbers with kind code & date

GB2237258	B	1993-10-20	GB2237258
US5074102	A	1991-12-24	US5074102
GB2237258	A	1991-05-01	GB2237258
GB9022143	D0	1990-11-21	GB9022143

Abstract

(US5074102)

This invention relates to a method and apparatus for filling a powder, lipid or granule into a soft shell capsule employing a flat linked track of cavity blocks to prevent spillage.

Inventors

SIMPSON WALLINGTON M

XAVIER JOSEPH F

Latest standardized assignees - inventors removed

AMERICAN CYANAMID

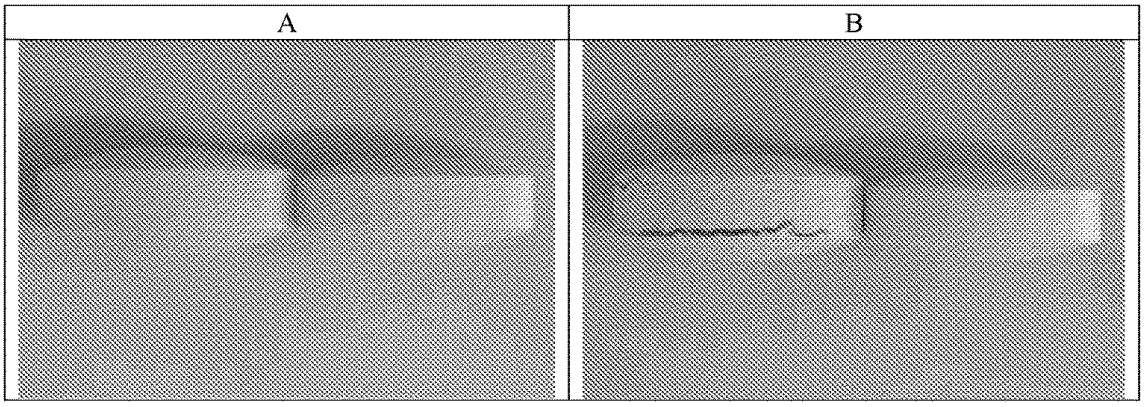
Family 18/100 - FAMPAT - ©Questel

Title

(EP2978815)

Film-forming compostions for the film-coating of solid forms

Images



Publication numbers with kind code & date

AU2019210521	B2	2020-12-24	AU2019210521
CA2907700	C	2020-09-22	CA2907700
CN107987618	B	2020-08-25	CN107987618B
MX371123	B	2020-01-17	MX-371123
AU2018201455	B2	2019-08-15	AU2018201455
AU2019210521	A1	2019-08-15	AU2019210521
JP6561108	B2	2019-08-14	JP6561108
ES2713649	T3	2019-05-23	ES2713649
IN308391	B	2019-03-01	IN-308391
EP2978815	B1	2018-12-05	EP2978815
JP2018095882	A	2018-06-21	JP2018095882
CN107987618	A	2018-05-04	CN107987618
CN105051129	B	2018-04-27	CN105051129B
AU2018201455	A1	2018-03-22	AU2018201455
JP6272452	B2	2018-01-31	JP6272452
BR112015025015	A2	2017-07-18	BR112015025015
JP2016522272	A	2016-07-28	JP2016522272
IN8843/DELNP/2015	A	2016-07-22	IN2015DN08843
MX2015013812	A	2016-03-01	MX2015013812
US20160051478	A1	2016-02-25	US20160051478
EP2978815	A1	2016-02-03	EP2978815
BR112015025015	A1	2015-12-08	BR112015025015
KR10-2015-0135303	A	2015-12-02	KR20150135303
CN105051129	A	2015-11-11	CN105051129
AU2014242762	A1	2015-10-15	AU2014242762
FR3003866	B1	2015-07-31	FR3003866
FR3003866	A1	2014-10-03	FR3003866
CA2907700	A1	2014-10-02	CA2907700
WO2014/155015	A1	2014-10-02	WO2014155015

Abstract

(EP2978815)

The invention relates to a film-forming composition comprising a fluidised hydroxypropyl starch and sorbitol, and to a film-coating method using said composition. The invention further relates to film-coated solid forms comprising a fluidised hydroxypropyl starch and sorbitol in the coating.

Inventors

PARISSAUX XAVIER
LE BIHAN GRÉGORY
CROQUET SÉBASTIEN
Latest standardized assignees - inventors removed
ROQUETTE FRERES

Family 19/100 - FAMPAT - ©Questel
Title
(CN101953852B)
Antithrombin preparation and preparation method thereof
Images

药材状态	凝血酶浓度 (U/ml)	取样量 (g)	稀释倍数	供试液取用量(μl)	消耗凝血酶溶液量 (μl)	抗凝血酶活性测定结果	
						(U/g)	平均(u/g)
鲜品检测 1	40.00	0.1013	5	100	42	829.2	833.6
鲜品检测 2	40.00	0.1009	5	100	42	832.5	
鲜品检测 3	40.00	0.1001	5	100	42	839.1	
死亡检测 1	40.00	0.1000	5	100	10	200.0	200.1
死亡检测 2	40.00	0.1002	5	100	10	199.6	
死亡检测 3	40.00	0.0997	5	100	10	200.6	

Publication numbers with kind code & date

CN101953852	B	2014-09-24	CN101953852B
CN101953852	A	2011-01-26	CN101953852

Abstract
(CN101953852)
The patent refers to the field of 'pharmaceutical preparations'. The invention relates to an antithrombin enteric soft capsule preparation which is prepared by using part or all of leech, bloodsucker, whitmania acranulata Whitman, hirudinaria manillensis, dinobdella ferox, Haemadipsa japonica Whitman and Haemadipsa sylvestris as raw materials and other pharmaceutically acceptable auxiliary materials. The preparation method comprises the steps of: 1, preparing powder for preparation; 2, preparing contents in teh soft capsule; and 3, preparing the tenteric soft capsule. The preparation process for the enteric soft capsule preparation has the advantages of improving the stability, improving the transfer rate of effective components, lowering the production stroage requirements, reducing the process difficulty, and has the positive meanings on increasing the stability, quickening the development of the soft capsule preparations, improving the quality, and lowering the production cost.
Inventors
ZHANG GUANFU
XIAO YUE
Latest standardized assignees - inventors removed
XINBANG PHARMACY

Family 20/100 - FAMPAT - ©Questel
Title
(EP2214506)
Fish food capsule
Images

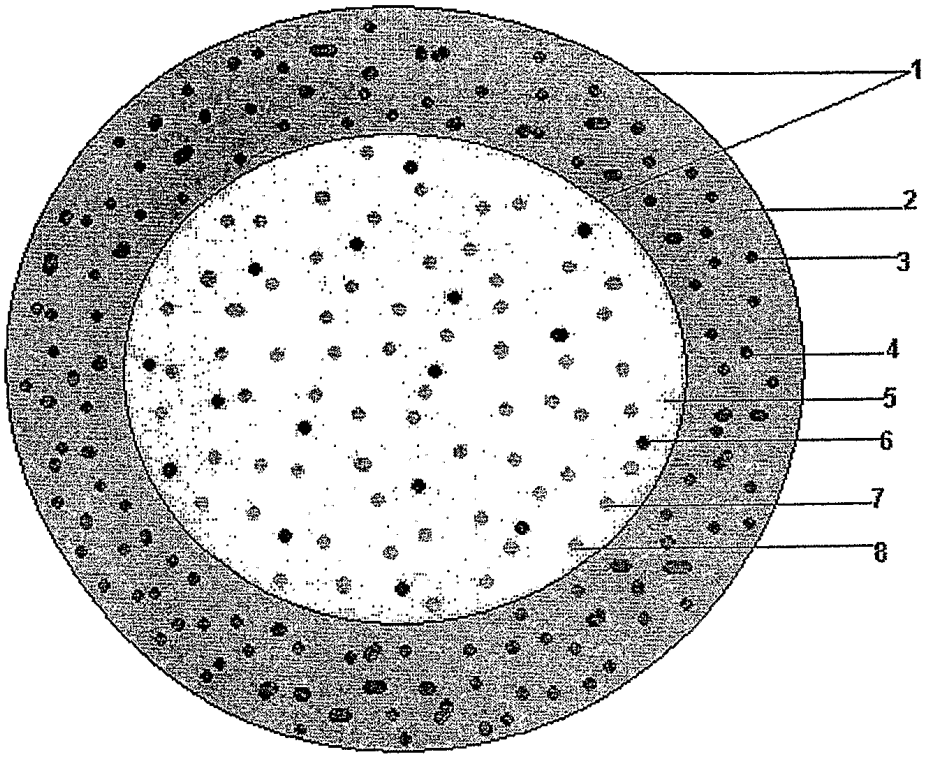


Fig. 1

Publication numbers with kind code & date

EA017757	B1	2013-02-28	EA--17757
CA2706037	C	2012-08-21	CA2706037
AU2008314258	B2	2012-07-05	AU2008314258
BRPI0818008	A2	2011-08-23	BR200818008
DE202007014855	U8	2011-05-05	DE202007014855
DE202007014855	U1	2011-03-10	DE202007014855
ZA201003463	B	2011-02-23	ZA201003463
JP2011500038	A	2011-01-06	JP2011500038
US20100322995	A1	2010-12-23	US20100322995
CN101917867	A	2010-12-15	CN101917867
EA201070466	A1	2010-10-29	EA201070466
IN0987/MUMNP/2010	A	2010-09-17	IN2010MN00987
KR10-2010-0100808	A	2010-09-15	KR20100100808
MX2010004154	A	2010-08-31	MX2010004154
EP2214506	A2	2010-08-11	EP2214506
WO2009/049607	A3	2009-09-24	WO200949607
AU2008314258	A1	2009-04-23	AU2008314258
CA2706037	A1	2009-04-23	CA2706037
WO2009/049607	A2	2009-04-23	WO200949607

Abstract

(EP2214506)

The invention relates to a fish food capsule, comprising a capsule casing (1) and a liquid or suspension-like fish food product (5) enclosed in the capsule casing (1), wherein a gas phase (6) determining the buoyancy of the fish food capsule is provided in the fish food capsule, and to the use thereof, a fish food kit, and a method for producing the fish food capsule.

Inventors

GESELLE JENS

Latest standardized assignees - inventors removed

GESELLE JENS

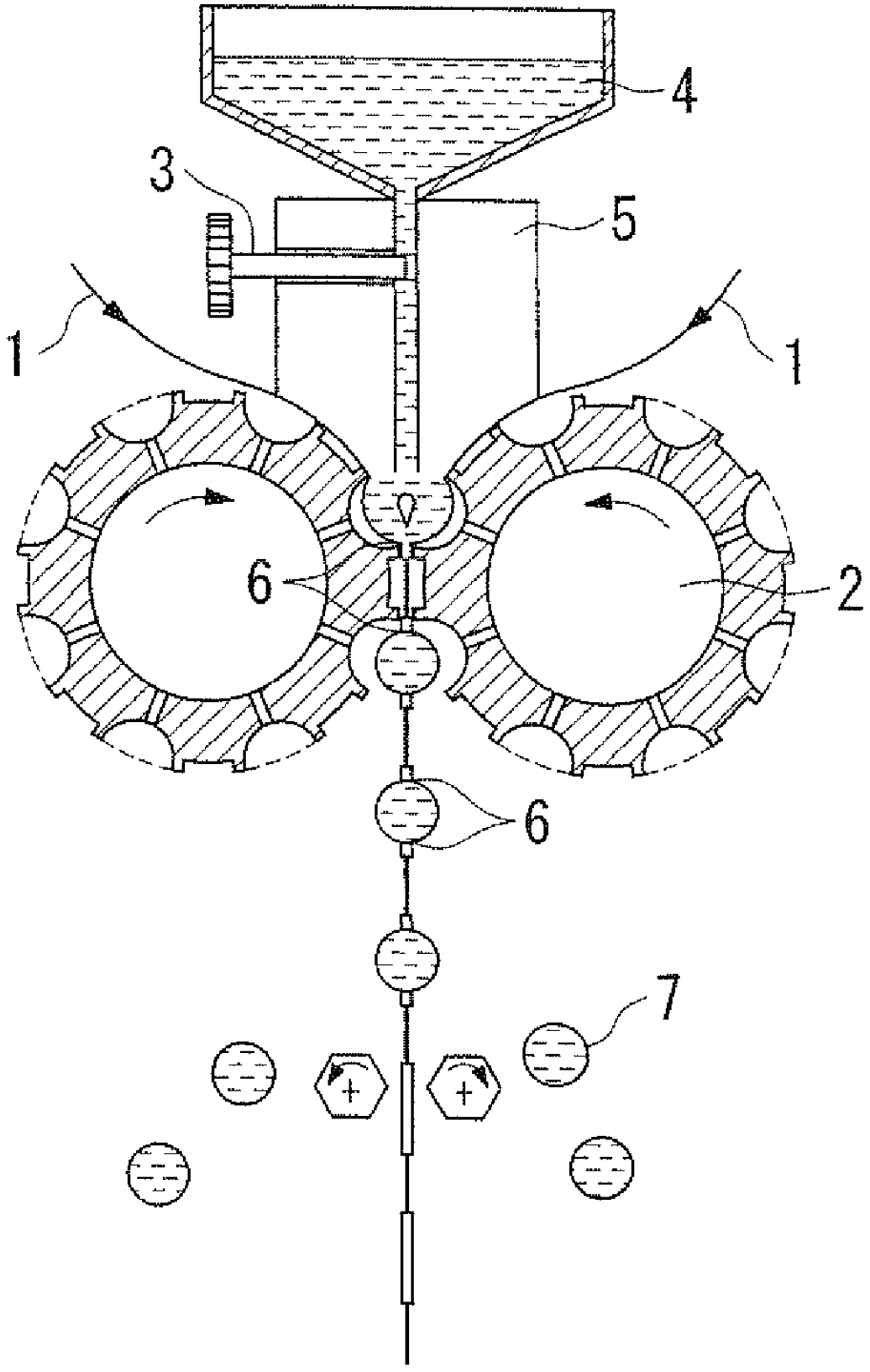
Family 21/100 - FAMPAT - ©Questel

Title

(EP1649758)

Masticatable capsule and process for producing the same

Images



Publication numbers with kind code & date

US8414917	B2	2013-04-09	US8414917
DE602004028373	D1	2010-09-09	DE602004028373
EP1649758	B1	2010-07-28	EP1649758
CA2533906	C	2010-02-09	CA2533906
JP4364869	B2	2009-11-18	JP4364869
US20090194893	A1	2009-08-06	US20090194893

CN100399935	C	2008-07-09	CN100399935C
AU2004261113	B2	2007-12-13	AU2004261113
KR100732199	B1	2007-06-25	KR100732199
EP1649758	A4	2007-04-25	EP1649758
HK1087893	A1	2006-10-27	HK1087893
US20060240094	A1	2006-10-26	US20060240094
CN1829449	A	2006-09-06	CN1829449
EP1649758	A1	2006-04-26	EP1649758
KR20060035779	A	2006-04-26	KR20060035779
AU2004261113	A1	2005-02-10	AU2004261113
CA2533906	A1	2005-02-10	CA2533906
JPWO2005011402	A1	2005-02-10	JP2005011402W
WO2005/011402	A1	2005-02-10	WO200511402

Abstract

(EP1649758)

This chewable capsule has an encapsulating shell and a filling contained within the encapsulating shell, in which outer diameter of the above encapsulating shell ranges from 14 mm to 25 mm, and mass of the above encapsulating shell ranges from 10% to 20% of the total mass of the chewable capsule, the quantity of the above filling contained within the above encapsulating shell ranges from 1400 mg to 3000 mg, and gelatin is contained in the above encapsulating shell.

Inventors

ASANO YUZO

OSHIDA KYOICHI

KOBAYASHI TAKANORI

Latest standardized assignees - inventors removed

MORINAGA MILK INDUSTRY

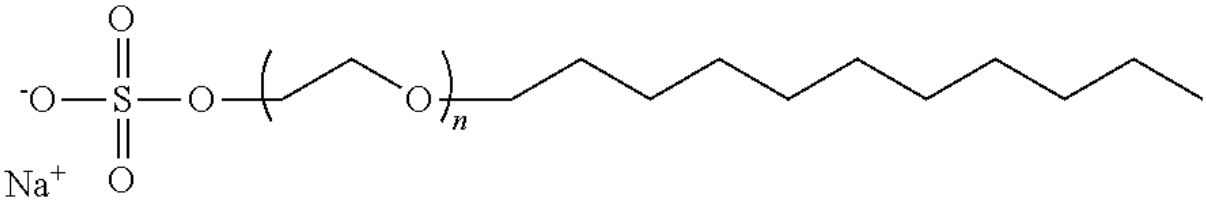
Family 22/100 - FAMPAT - ©Questel

Title

(EP2916814)

Composition containing a cellulose derived capsule with a sunscreen

Images



Publication numbers with kind code & date

JP6814188	B2	2021-01-13	JP6814188
EP2916814	B1	2020-02-12	EP2916814
US10375952	B2	2019-08-13	US10375952
US10376718	B2	2019-08-13	US10376718
US10357669	B2	2019-07-23	US10357669
US10321678	B2	2019-06-18	US10321678
JP2019023236	A	2019-02-14	JP2019023236
US10098823	B2	2018-10-16	US10098823
US20180055748	A1	2018-03-01	US20180055748
US20180042828	A1	2018-02-15	US20180042828
US20180042829	A1	2018-02-15	US20180042829
US9592184	B2	2017-03-14	US9592184
US20170000697	A1	2017-01-05	US20170000697

US20170000698	A1	2017-01-05	US20170000698
US9468591	B2	2016-10-18	US9468591
US9456966	B2	2016-10-04	US9456966
US9456967	B2	2016-10-04	US9456967
US9456968	B2	2016-10-04	US9456968
EP2916814	A4	2016-05-18	EP2916814
JP2015536985	A	2015-12-24	JP2015536985
EP2916814	A1	2015-09-16	EP2916814
US20150231046	A1	2015-08-20	US20150231046
US20140255456	A1	2014-09-11	US20140255456
US20140242131	A1	2014-08-28	US20140242131
US20140242132	A1	2014-08-28	US20140242132
WO2014/074555	A1	2014-05-15	WO201474555
US20140127275	A1	2014-05-08	US20140127275

Abstract

(EP2916814)

A sunscreen composition comprised of one or more sunscreen active agents encapsulated in a cellulose derived capsule wherein the composition can contain one or more additional agents. A sunscreen composition can be mixed with a bodywash, shampoo, conditioner, lotion, gel, soap, cream, hand sanitizer, spray or mousse and can be used by an individual during their normal hygiene processes, such as during a shower or bath or while applying a body product to their skin or hair.

Inventors

COHEN LAURA E

Latest standardized assignees - inventors removed

COLABS INT

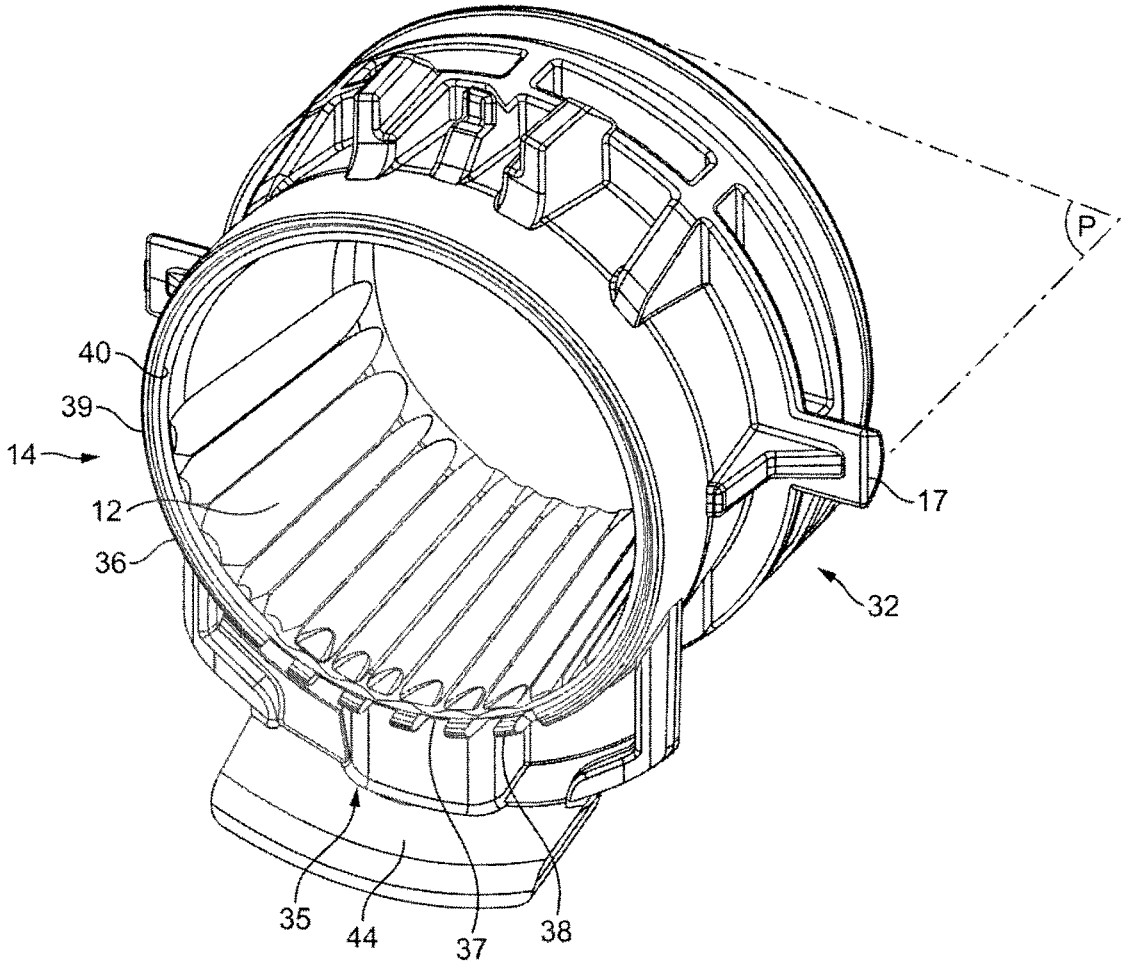
Family 23/100 - FAMPAT - ©Questel

Title

(EP2142054)

Beverage production device for producing a beverage from a single-use capsule

Images



Publication numbers with kind code & date

BRPI0910235	B1	2019-09-17	BR200910235
US9572450	B2	2017-02-21	US9572450
PL2142054	T5	2016-07-29	PL2142054
CA2717151	C	2016-02-09	CA2717151
KR101581482	B1	2015-12-30	KR101581482
BRPI0910235	A2	2015-09-29	BR200910235
ES2358387	T5	2015-09-17	ES2358387
EP2142054	B2	2015-06-17	EP2142054
IL207728	B	2015-03-31	IL-207728
AU2009226915	B2	2015-01-29	AU2009226915
JP5409766	B2	2014-02-05	JP5409766
CN101977538	B	2013-07-24	CN101977538B
RU2484750	C2	2013-06-20	RU2484750
RU2010142925	A	2012-04-27	RU2010142925
ZA201007457	B	2012-03-28	ZA201007457
IN6146/DELNP/2010	A	2011-11-25	IN2010DN06146
SG164552	B	2011-09-30	SG-164552
PL2142054	T3	2011-06-30	PL2142054
JP2011515133	A	2011-05-19	JP2011515133
ES2358387	T3	2011-05-10	ES2358387
DE602009000559	D1	2011-02-24	DE602009000559
CN101977538	A	2011-02-16	CN101977538
PT2142054	E	2011-01-24	PT2142054

US20110011271	A1	2011-01-20	US20110011271
AT494817	T	2011-01-15	ATE494817
EP2142054	B1	2011-01-12	EP2142054
IL207728	A	2010-12-30	IL-207728
KR20100127804	A	2010-12-06	KR20100127804
HK1141420	A1	2010-11-12	HK1141420
SG164552	A1	2010-10-28	SG-164552
MX2010010258	A	2010-10-15	MX2010010258
DE202009017911	U1	2010-07-29	DE202009017911
AR071024	A1	2010-05-19	AR--71024
CL2009000698	A1	2010-03-05	CL200900698
TW201002254	A	2010-01-16	TW201002254
EP2142054	A1	2010-01-13	EP2142054
AU2009226915	A1	2009-09-24	AU2009226915
CA2717151	A1	2009-09-24	CA2717151
WO2009/115474	A1	2009-09-24	WO2009115474

Abstract

(EP2142054)

Beverage production device for producing a beverage from a single-use capsule containing a beverage ingredient, comprising : a brewing unit (1) for receiving the capsule (8) therein upon relative closing of a first and second engaging members (6, 7) forming a cavity for encasing the capsule and pressing it at a flange-like rim (9) in a liquid seal-tight manner, wherein at least one of the first and second engaging members comprises a substantially annular pressing portion (14) for applying a sealing pressure on the flange-like rim of the capsule, the first and second engaging members being configured in relative closure at the nip to leak to a liquid injected in the cavity when a capsule is not present, wherein one of at least the first or second engaging members comprises, at its annular pressing portion, flow directing means comprising at least one passage (37) arranged for controlling liquid leakage only within a limited angular radial direction when the first and second engaging members are closed at the nip.

Inventors

KOLLEP ALEXANDRE

RITHENER BLAISE

ETTER STEFAN

SCHENK RUDOLF

Latest standardized assignees - inventors removed

NESTLE

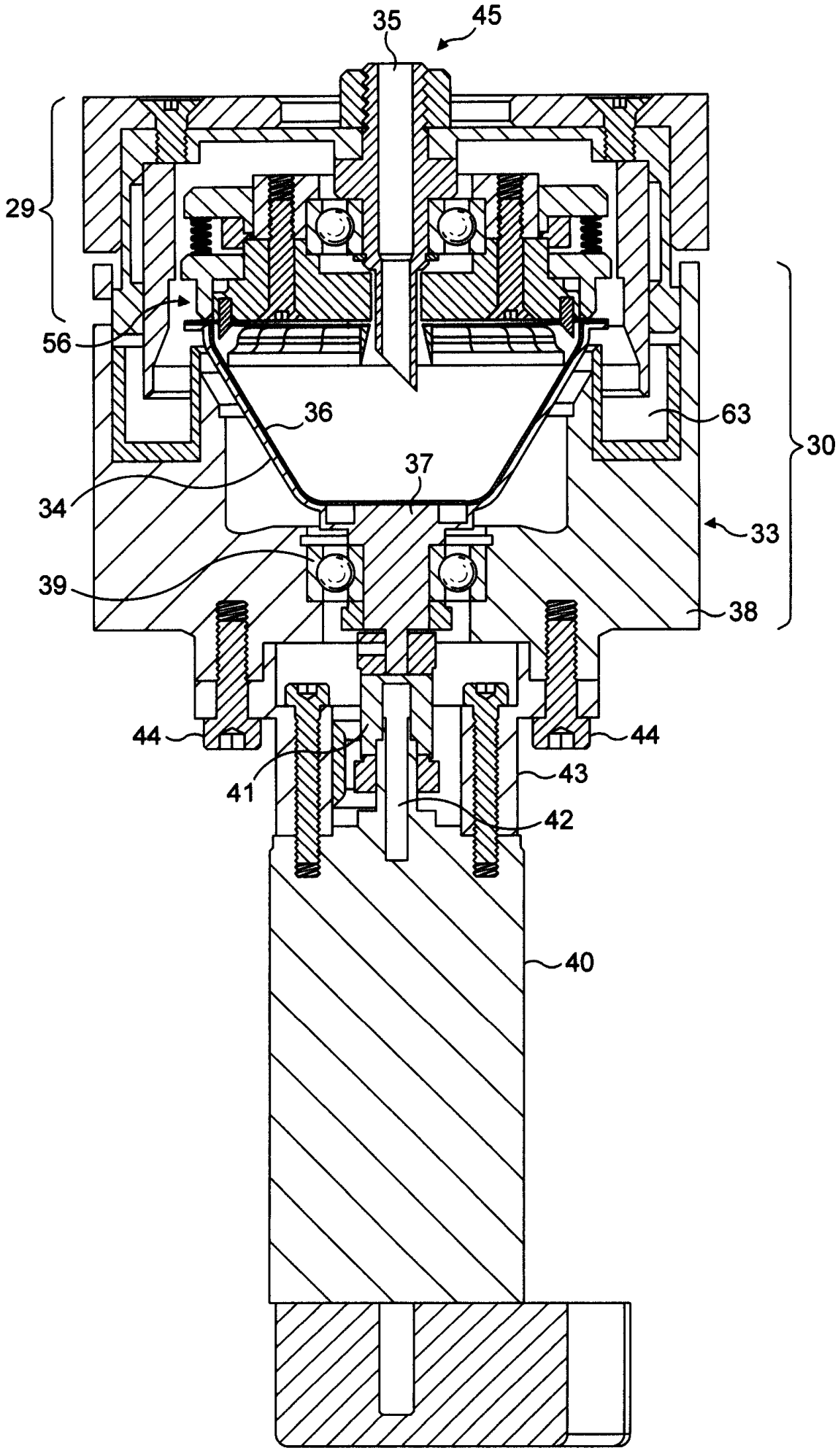
Family 24/100 - FAMPAT - ©Questel

Title

(EP2000062)

Method for preparing a beverage or liquid food and system using brewing centrifugal force

Images


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Publication numbers with kind code & date

BRPI0812339	B1	2020-08-11	BR200812339
BRPI0812261	B1	2020-01-14	BR200812261
IN293234	B	2018-02-22	IN-293234
IN288992	B	2017-11-03	IN-288992
HUE028998	T2	2017-01-30	HUE028998
PL2210539	T3	2016-09-30	PL2210539
DK2210539	T3	2016-07-18	DK2210539T
ES2576847	T3	2016-07-11	ES2576847
CA2687894	C	2016-05-10	CA2687894
EP2210539	B1	2016-04-13	EP2210539
US9271598	B2	2016-03-01	US9271598
CA2687504	C	2016-01-12	CA2687504
US9226611	B2	2016-01-05	US9226611
KR10-1536013	B1	2015-07-10	KR101536013
EP2210539	A3	2015-04-01	EP2210539
AU2008258715	B2	2015-03-26	AU2008258715
BRPI0812339	A2	2015-01-27	BR200812339
KR10-1482810	B1	2015-01-14	KR101482810
BRPI0812261	A2	2014-12-23	BR200812261
AU2008258705	B2	2014-10-09	AU2008258705
JP5400038	B2	2014-01-29	JP5400038
JP5243536	B2	2013-07-24	JP5243536
IL202161	B	2013-06-27	IL-202161
RU2479242	C2	2013-04-20	RU2479242
IL202055	B	2012-11-29	IL-202055
PL2316309	T3	2012-10-31	PL2316309
PL2316310	T3	2012-10-31	PL2316310
RU2461348	C2	2012-09-20	RU2461348
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SG156934	B	2012-08-31	SG-156934
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PT2316309	E	2012-07-04	PT2316309
DK2316309	T3	2012-07-02	DK2316309T
DK2316310	T3	2012-07-02	DK2316310T
HK1157162	A1	2012-06-29	HK1157162
HK1157163	A1	2012-06-29	HK1157163
SG156935	B	2012-06-29	SG-156935
ZA201000044	B	2012-06-27	ZA201000044
ZA201000045	B	2012-06-27	ZA201000045
PT2316310	E	2012-06-20	PT2316310
CN101686771	B	2012-05-30	CN101686771B
EP2316310	B1	2012-05-16	EP2316310
AT556629	T	2012-05-15	ATE556629
EP2316309	B1	2012-05-09	EP2316309
CN101677707	B	2011-11-23	CN101677707B
PL2155021	T3	2011-09-30	PL2155021
RU2009149166	A	2011-07-20	RU2009149166
RU2009149190	A	2011-07-20	RU2009149190
PL2152128	T3	2011-06-30	PL2152128
ES2361714	T3	2011-06-21	ES2361714
DE602008005878	D1	2011-05-12	DE602008005878

EP2316309	A1	2011-05-04	EP2316309
EP2316310	A1	2011-05-04	EP2316310
AT503408	T	2011-04-15	ATE503408
ES2356414	T3	2011-04-07	ES2356414
EP2155021	B1	2011-03-30	EP2155021
DE602008004508	D1	2011-02-24	DE602008004508
PL2000062	T3	2011-01-31	PL2000062
PT2152128	E	2011-01-28	PT2152128
AT494818	T	2011-01-15	ATE494818
EP2152128	B1	2011-01-12	EP2152128
HK1140658	A1	2010-10-22	HK1140658
ES2346702	T3	2010-10-19	ES2346702
DE602007008213	D1	2010-09-16	DE602007008213
HK1138491	A1	2010-08-27	HK1138491
JP2010528737	A	2010-08-26	JP2010528737
JP2010528738	A	2010-08-26	JP2010528738
PT2000062	E	2010-08-17	PT2000062
AT476122	T	2010-08-15	ATE476122
US20100203208	A1	2010-08-12	US20100203208
EP2000062	B1	2010-08-04	EP2000062
EP2210539	A2	2010-07-28	EP2210539
US20100178404	A1	2010-07-15	US20100178404
IN7566/DELNP/2009	A	2010-07-09	IN2009DN07566
IN7526/DELNP/2009	A	2010-07-02	IN2009DN07526
IL202055	A	2010-06-16	IL-202055
IL202161	A	2010-06-16	IL-202161
CN101686771	A	2010-03-31	CN101686771
CN101677707	A	2010-03-24	CN101677707
EP2155021	A1	2010-02-24	EP2155021
EP2152128	A1	2010-02-17	EP2152128
KR10-2010-0017636	A	2010-02-16	KR20100017636
KR10-2010-0017661	A	2010-02-16	KR20100017661
MX2009013228	A	2010-01-25	MX2009013228
SG156934	A1	2009-12-29	SG-156934
SG156935	A1	2009-12-29	SG-156935
MX2009012665	A	2009-12-10	MX2009012665
CL2008001655	A1	2009-09-25	CL200801655
AR066856	A1	2009-09-16	AR--66856
HK1126372	A1	2009-09-04	HK1126372
TW200908917	A	2009-03-01	TW200908917
AU2008258705	A1	2008-12-11	AU2008258705
AU2008258715	A1	2008-12-11	AU2008258715
CA2687504	A1	2008-12-11	CA2687504
CA2687894	A1	2008-12-11	CA2687894
WO2008/148646	A1	2008-12-11	WO2008148646
WO2008/148656	A1	2008-12-11	WO2008148656
EP2000062	A1	2008-12-10	EP2000062

Abstract

(EP2000062)

A method for preparing a beverage or liquid from a food substance contained in a filtering receptacle (3) by passing water through the substance using brewing centrifugal forces comprising: feeding water in the receptacle (3), driving the

receptacle in centrifugal rotation to force water to flow through the substance in a radial flow path to outlet means of the receptacle, wherein the receptacle is formed by a sealed capsule (3) before its use which is opened for water to be introduced in the capsule; said capsule containing a predetermined dose of food substance and being discarded after use.

Inventors

YOAKIM ALFRED

DENISART JEAN-PAUL

RYSER ANTOINE

Latest standardized assignees - inventors removed

NESTLE

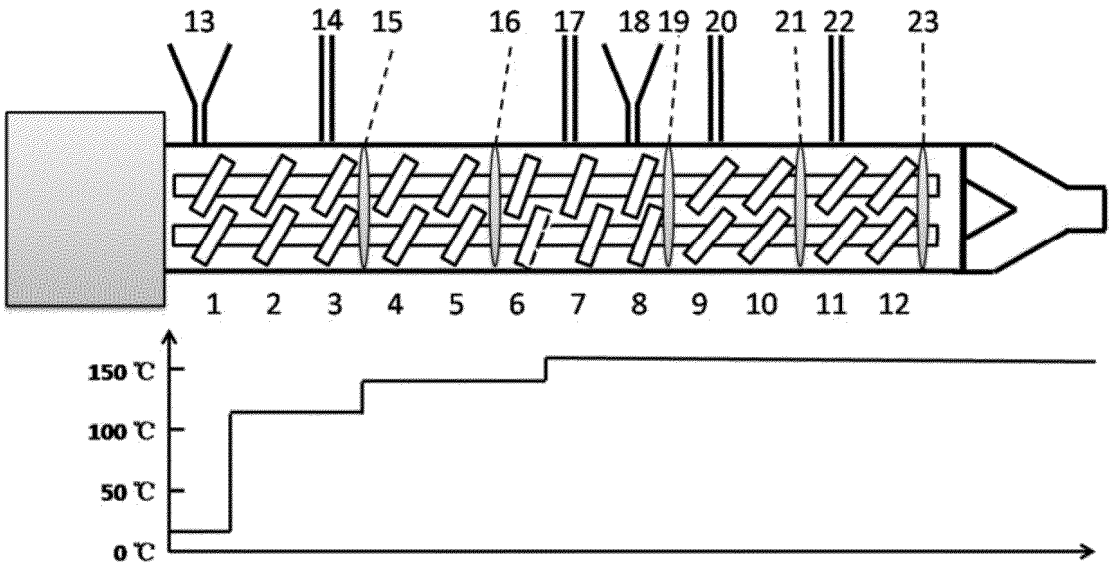
Family 25/100 - FAMPAT - ©Questel

Title

(EP2876130)

Preparation process of a self-reinforced starch composite used to produce capsules

Images



Publication numbers with kind code & date

PL2876130	T3	2017-05-31	PL2876130
ES2609230	T3	2017-04-19	ES2609230
DK2876130	T3	2017-01-23	DK2876130T
EP2876130	B1	2016-10-05	EP2876130
US9339053	B2	2016-05-17	US9339053
EP2876130	A1	2015-05-27	EP2876130
US20150119471	A1	2015-04-30	US20150119471
CN103554552	B	2014-09-17	CN103554552B
CN103554552	A	2014-02-05	CN103554552

Abstract

(EP2876130)

Described is a technical process to prepare a self-reinforced starch composite used to produce capsules. This composite is made by uniformly mixing the matrix phase and the particulate reinforced phase at a proper proportion, the former being one or a combination of the starches selected from the group consisting of oxidized starch, cationic starch and esterified starch ; and the latter, cross-linked starch or starch nanocrystals. This composite is processed into the forms of granules, films, or sheets by extrusion method and these different forms of the composite can be used to replace the gelatin as the raw material of capsules because its barrier property, processability, and mechanical properties are significantly improved.

Inventors

SHUAI FANGWEN

WANG XIANGFENG

ZHANG JIAWEI

ZHANG NUOZI

Latest standardized assignees - inventors removed

ZHONGSHAN CAPSULE STARCH MATERIAL TECHNOLOGY

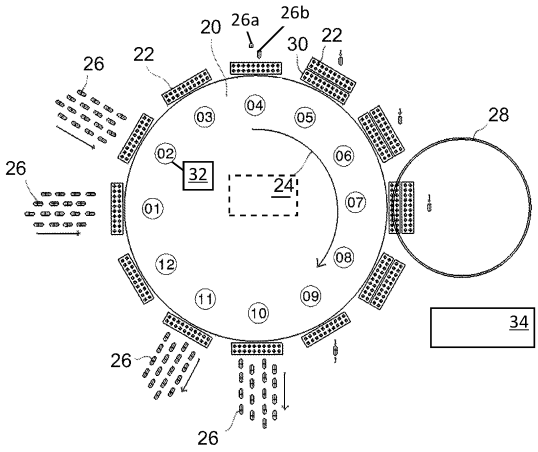
Family 26/100 - FAMPAT - ©Questel

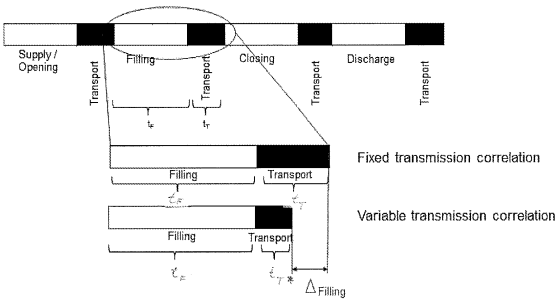
Title

(EP2881102)

Method and device for filling capsules

Images





Publication numbers with kind code & date

US10464703	B2	2019-11-05	US10464703
CN104771315	B	2018-09-04	CN104771315B
JP6238458	B2	2017-11-29	JP6238458
KR10-1784892	B1	2017-10-12	KR101784892
DE102013113446	B4	2017-04-13	DE102013113446
IN3885MU2014	A	2015-10-09	IN2014MU03885
CN104771315	A	2015-07-15	CN104771315
JP2015110449	A	2015-06-18	JP2015110449
KR10-2015-0065166	A	2015-06-12	KR20150065166
DE102013113446	A1	2015-06-11	DE102013113446
US20150158614	A1	2015-06-11	US20150158614
EP2881102	A1	2015-06-10	EP2881102

Abstract

(EP2881102)

An apparatus for filling capsules comprises a conveyor wheel, on the circumference of which a plurality of capsule holders is provided a conveyor wheel drive that alternately passes through stopping times and movement times, so that the capsule holders move along the conveying path in cycles, and a plurality of process stations disposed along the conveying path. The process stations comprise at least one supply station for supplying capsules to be filled to the conveyor wheel, at least one opening station for opening the capsules by separating the upper and lower capsule parts, at least one filling station for filling the lower capsule parts, at least one closing station for closing the filled capsules by connecting the upper and lower capsule parts, and at least one discharge station for discharging the filled capsules. A method for filling capsules is also described.

(From US10464703 B2)

Inventors

MALICK DANIEL
SCHEFFLER JAN FABIAN
GAEDECKE JÖRG
SEIFERT WERNER
HEINRICH THOMAS
KRUSE JAN-ERIC

Latest standardized assignees - inventors removed

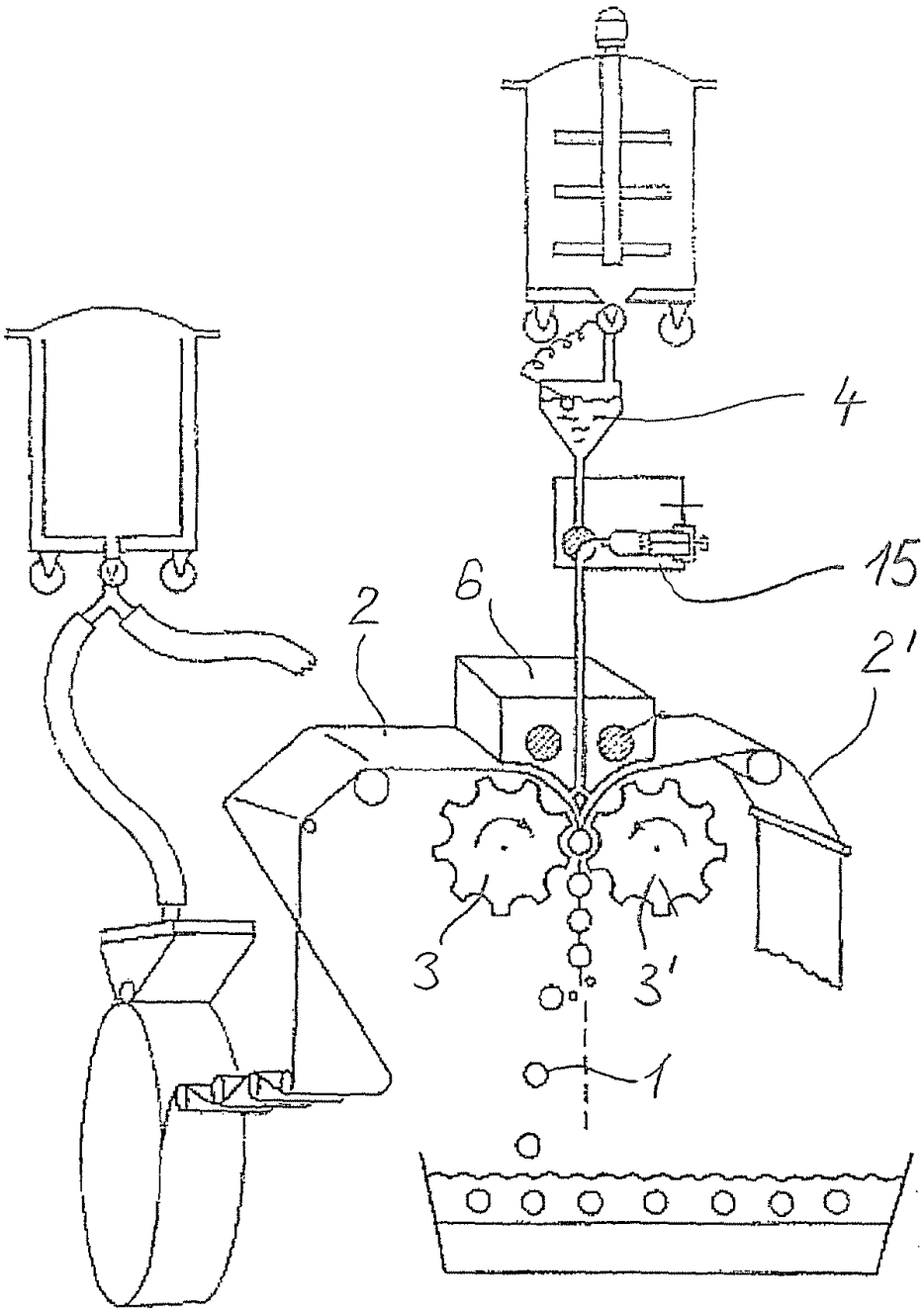
FETTE ENGINEERING

Family 27/100 - FAMPAT - ©Questel

Title

(EP2410970)
New device for manufacturing soft capsules

Images



Publication numbers with kind code & date

CA2760744	C	2017-05-30	CA2760744
US8727754	B2	2014-05-20	US8727754
PL2410970	T3	2013-07-31	PL2410970
ES2402108	T3	2013-04-29	ES2402108
EP2410970	B1	2013-02-13	EP2410970
US20120128765	A1	2012-05-24	US20120128765
EP2410970	A1	2012-02-01	EP2410970
CA2760744	A1	2010-09-30	CA2760744
WO2010/108948	A1	2010-09-30	WO2010108948

Abstract

(EP2410970)

The present invention relates to a rotary die device for producing soft capsules, comprising a capsule forming unit for forming a soft-capsule shell and a dosing unit for feeding a filling material into the capsule forming unit, characterized in that the dosing unit comprises a conveying apparatus of viscous melts and a portioner, wherein the portioner is connected at an end thereof to the conveying apparatus of viscous melts and is arranged in a filling wedge with a section in such a way that filling material from the portioner reaches the location of the capsule filling directly or by means of one or more channels having a length of at most 30 mm. Using said device, high-viscosity filling materials can be filled and thus novel soft capsules can be made accessible.

Inventors

BROCKER ERICH

PETER ALOIS

SYDOW GEORG

Latest standardized assignees - inventors removed

SWISS CAPS RECHTE & LIZENZEN

Family 28/100 - FAMPAT - ©Questel

Title

(EP1572164)

Oral dosage forms with therapeutically active agents in controlled release cores and immediate release gelatin capsule coats

Images

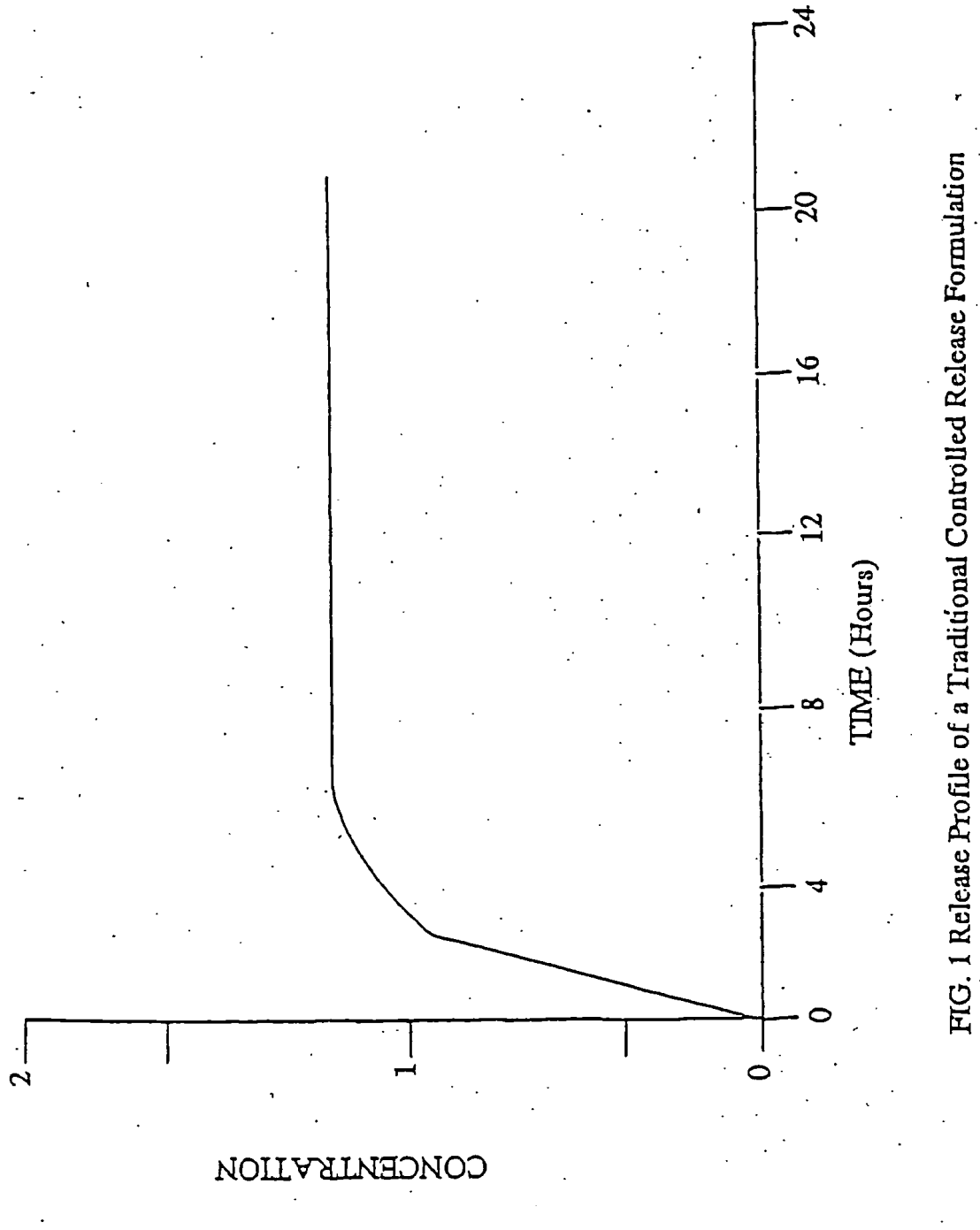


FIG. 1 Release Profile of a Traditional Controlled Release Formulation

Publication numbers with kind code & date

US20140193490	A1	2014-07-10	US20140193490
US20140186437	A1	2014-07-03	US20140186437
US20110287093	A1	2011-11-24	US20110287093
AU2010236049	A1	2010-11-18	AU2010236049
US20080026052	A1	2008-01-31	US20080026052
EP1572164	A2	2005-09-14	EP1572164
US20040224020	A1	2004-11-11	US20040224020
WO2004/056337	A3	2004-08-19	WO200456337
AU2003301121	A1	2004-07-14	AU2003301121
CA2510465	A1	2004-07-08	CA2510465
WO2004/056337	A2	2004-07-08	WO200456337

Abstract

(EP1572164)

The present invention relates to oral dosage form with active agents in controlled release cores and in immediate release gelatin capsule coats.

Inventors

SCHOENHARD GRANT L

Latest standardized assignees - inventors removed

PAIN THERAPEUTICS

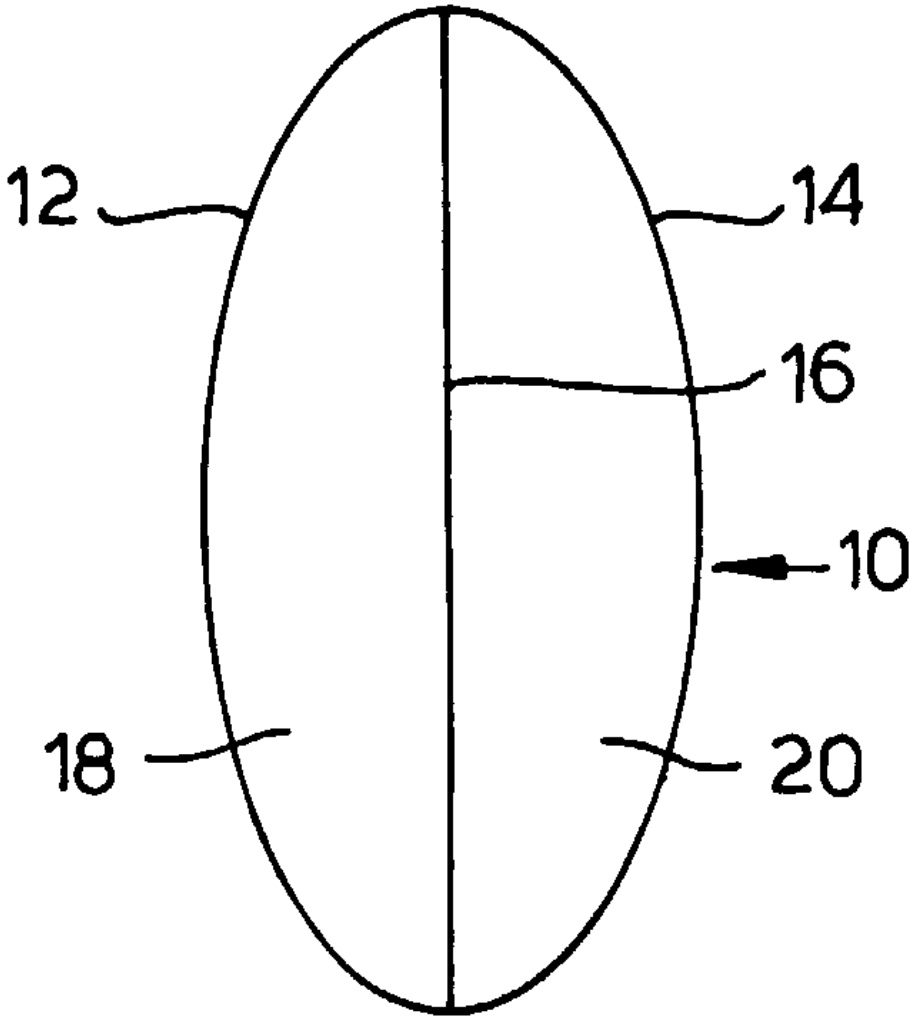
Family 29/100 - FAMPAT - ©Questel

Title

(EP1194130)

Improvements in and relating to delivery capsules

Images



Publication numbers with kind code & date

AU766010	C	2006-02-16	AU-766010
DE60106280	T2	2005-11-24	DE60106280
ES2230324	T3	2005-05-01	ES2230324
DK1317255	T3	2005-01-31	DK1317255T
PT1317255	E	2004-12-31	PT1317255
DE60106280	D1	2004-11-11	DE60106280
AT278394	T	2004-10-15	ATE278394

EP1317255	B1	2004-10-06	EP1317255
AU766010	B2	2003-10-09	AU-766010
US20030185881	A1	2003-10-02	US20030185881
JP2003521287	A	2003-07-15	JP2003521287
EP1317255	A1	2003-06-11	EP1317255
EP1194130	A1	2002-04-10	EP1194130
GB2366780	A	2002-03-20	GB2366780
AU7431101	A	2002-01-21	AU200174311
WO02/03968	A1	2002-01-17	WO200203968
GB2353950	A8	2001-07-10	GB2353950
GB0109089	D0	2001-05-30	GB200109089
GB2353950	A	2001-03-14	GB2353950
AU5994400	A	2001-01-30	AU200059944
CA2375616	A1	2001-01-18	CA2375616
WO01/03676	A1	2001-01-18	WO200103676
GB0016819	D0	2000-08-30	GB200016819
GB9916033	D0	1999-09-08	GB9916033

Abstract

(EP1194130)

A delivery capsule, designed to retain and protect its contents until an intended site of delivery or conditions of delivery are encountered, has at least two separate chambers (18, 20), the chambers usually containing different materials. The capsule is preferably internally divided by a dividing wall or septum (16), conveniently in the form of a median wall symmetrically arranged to form two chambers of similar size and shape. Also disclosed are a method of encapsulation and encapsulation apparatus.

Inventors

NOWAK EDWARD

MUNCASTER BARRY JOHN

BROWN MALCOLM DAVID

Latest standardized assignees - inventors removed

BIOPROGRESS TECHNOLOGY INTERNATIONAL

Family 30/100 - FAMPAT - ©Questel

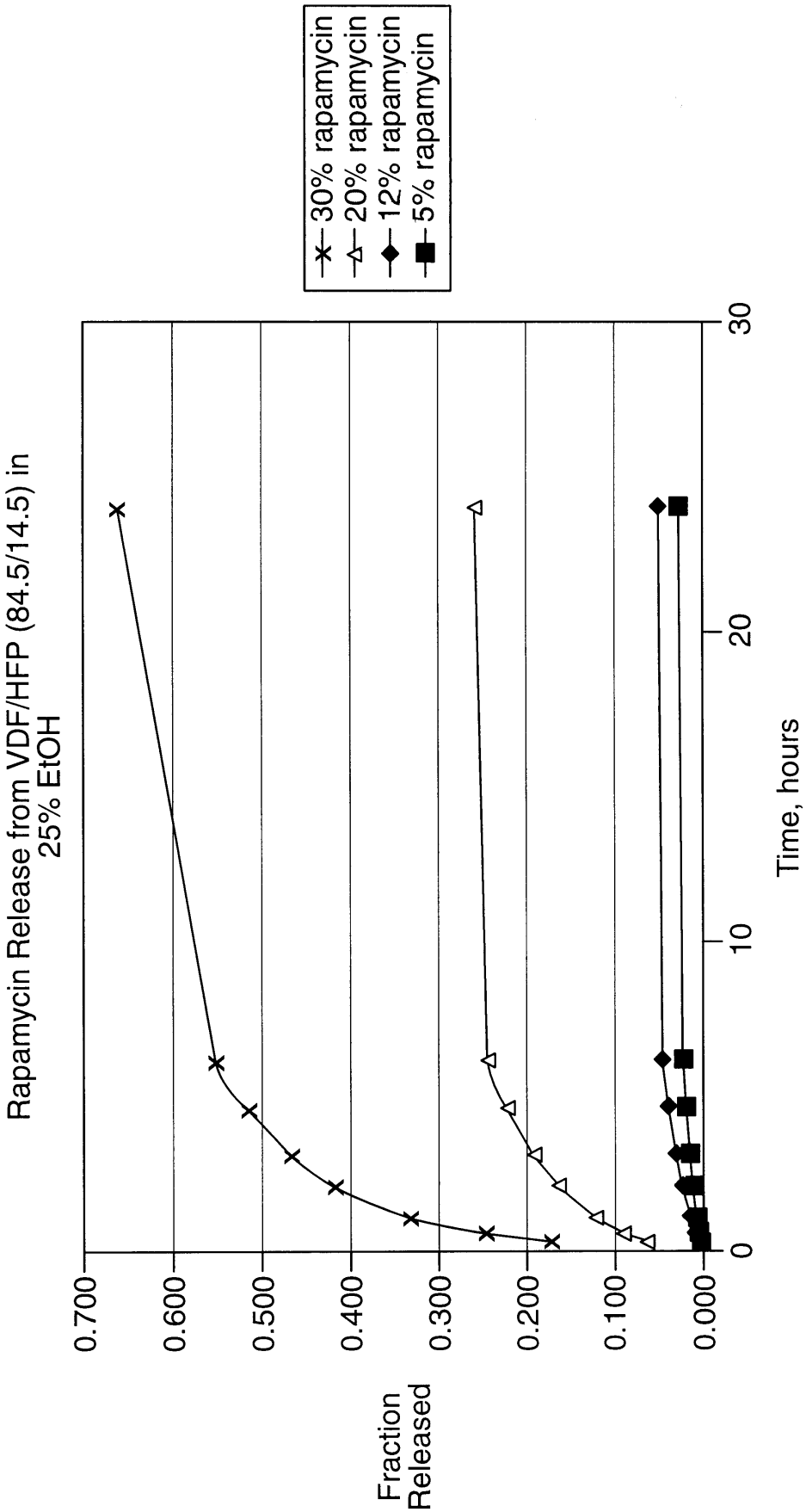
Title

(EP2196226)

Coated medical devices

Images

FIG. 1



Publication numbers with kind code & date

DE60126544	T3	2016-11-03	DE60126544
EP1192957	B2	2016-06-01	EP1192957
EP2848265	A3	2015-09-02	EP2848265

EP2848265	A2	2015-03-18	EP2848265
EP1764120	B1	2014-12-10	EP1764120
CA2425753	C	2014-08-05	CA2425753
JP4975233	B2	2012-07-11	JP4975233
CA2357881	C	2011-03-08	CA2357881
ES2348464	T3	2010-12-07	ES2348464
DE60142453	D1	2010-08-05	DE60142453
EP2196226	A3	2010-08-04	EP2196226
AT471729	T	2010-07-15	ATE471729
EP1762255	B1	2010-06-23	EP1762255
EP2196226	A2	2010-06-16	EP2196226
JP4219581	B2	2009-02-04	JP4219581
IN226771	B	2008-12-26	IN-226771
DE60130673	T2	2008-07-17	DE60130673
ES2292627	T3	2008-03-16	ES2292627
DK1335761	T3	2008-02-04	DK1335761T
DE60126544	T2	2007-11-22	DE60126544
DE60130673	D1	2007-11-08	DE60130673
AT374051	T	2007-10-15	ATE374051
ES2281400	T3	2007-10-01	ES2281400
EP1335761	B1	2007-09-26	EP1335761
ES2275745	T3	2007-06-16	ES2275745
DE60124286	T2	2007-05-31	DE60124286
DK1192957	T3	2007-05-07	DK1192957T
PT1192957	E	2007-03-30	PT1192957
DE60126544	D1	2007-03-29	DE60126544
EP1764120	A1	2007-03-21	EP1764120
AT353678	T	2007-03-15	ATE353678
EP1762255	A1	2007-03-14	EP1762255
EP1192957	B1	2007-02-14	EP1192957
DE60124286	D1	2006-12-14	DE60124286
AT344063	T	2006-11-15	ATE344063
EP1322351	B1	2006-11-02	EP1322351
US7056550	B2	2006-06-06	US7056550
MXPA01009952	A	2005-11-18	MX2001PA009952
CN1225292	C	2005-11-02	CN1225292C
AU2002211299	B8	2005-09-29	AU2002211299
AU2002211299	B2	2005-09-01	AU2002211299
MXPA03002872	A	2005-06-20	MX2003PA002872
AU2001293161	B2	2005-03-24	AU2001293161
MXPA03002870	A	2004-12-06	MX2003PA002870
US20040197372	A1	2004-10-07	US20040197372
JP2004518458	A	2004-06-24	JP2004518458
US6746773	B2	2004-06-08	US6746773
US20040102758	A1	2004-05-27	US20040102758
IN0491/KOLNP/2003	A	2004-05-01	IN2003KN00491
CN1477980	A	2004-02-25	CN1477980
EP1192957	A3	2004-02-18	EP1192957
EP1335761	A1	2003-08-20	EP1335761
EP1322351	A1	2003-07-02	EP1322351
JP2002238994	A	2002-08-27	JP2002238994
US20020111590	A1	2002-08-15	US20020111590

US20020094440	A1	2002-07-18	US20020094440
AU7730201	A	2002-04-11	AU200177302
AU1129902	A	2002-04-08	AU200211299
AU9316101	A	2002-04-08	AU200193161
CA2424038	A1	2002-04-04	CA2424038
CA2425753	A1	2002-04-04	CA2425753
WO02/26280	A1	2002-04-04	WO200226280
WO02/26281	A1	2002-04-04	WO200226281
EP1192957	A2	2002-04-03	EP1192957
CA2357881	A1	2002-03-29	CA2357881

Abstract

(EP2196226)

Medical devices, and in particular implantable medical devices, may be coated to minimize or substantially eliminate a biological organism's reaction to the introduction of the medical device to the organism. The medical devices may be coated with any number of biocompatible materials. Therapeutic drugs, agents or compounds may be mixed with the biocompatible materials and affixed to at least a portion of the medical device. These therapeutic drugs, agents or compounds may also further reduce a biological organism's reaction to the introduction of the medical device to the organism. Various materials and coating methodologies may be utilized to maintain the drugs, agents or compounds on the medical device until delivered and positioned.

Inventors

DAVILA LUIS A
LENTZ DAVID C
LLANOS GERARD H
MENDEZ JORGE O
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PELTON ALAN R
ROLLER MARK B
SCHEIDT KARL K
SCOPELIANOS ANGELO
SHAW JR WILLIAM D
SILVER JAMES H
SPALTRO JOHN
TREPANIER CHRISTINE
WILSON DAVID J

Latest standardized assignees - inventors removed

ETHICON

Family 31/100 - FAMPAT - ©Questel

Title

(US4663148)

Dispenser comprising telescopically engaging members

Images

FIG.1

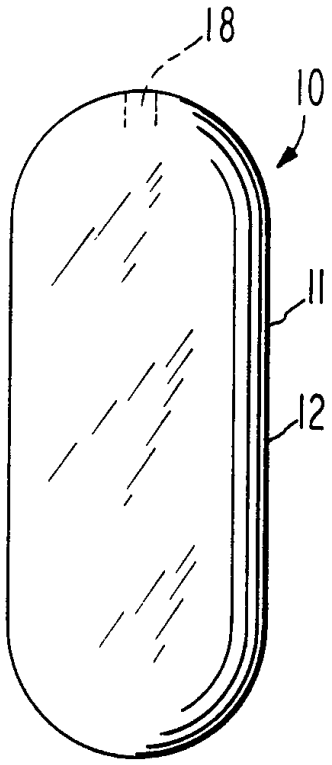


FIG.2

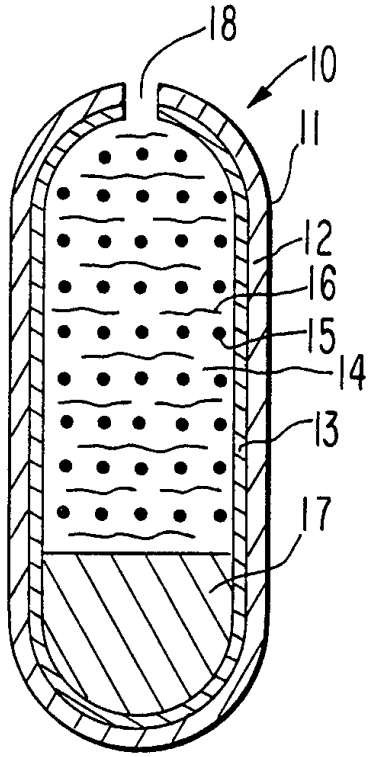


FIG.3

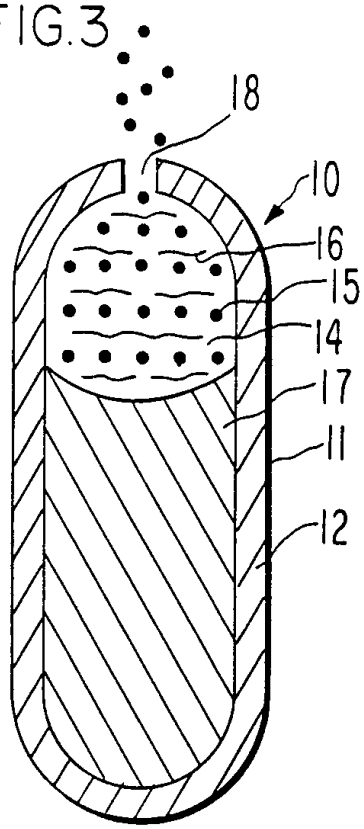


FIG.4

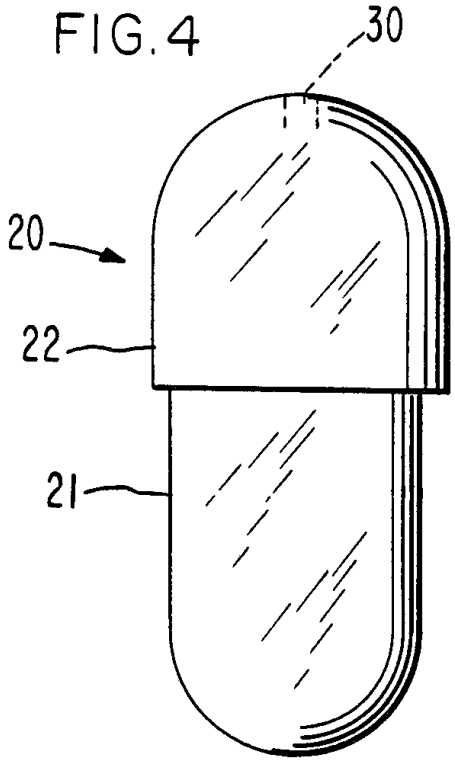
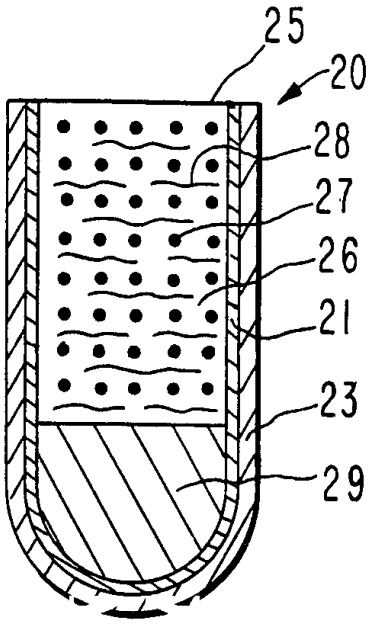


FIG.5



Publication numbers with kind code & date

DE3509743	C2	1997-07-03	DE3509743
JP1552147	C	1990-03-23	JP1552147
JPH0137367	B2	1989-08-07	JP89037367
CA1252359	A	1989-04-11	CA1252359

US4814180	A	1989-03-21	US4814180
US4800056	A	1989-01-24	US4800056
GB2155889	B	1988-03-02	GB2155889
FR2561628	B1	1988-01-29	FR2561628
US4716031	A	1987-12-29	US4716031
IT1184912	B	1987-10-28	IT1184912
US4692326	A	1987-09-08	US4692326
US4678467	A	1987-07-07	US4678467
US4663148	A	1987-05-05	US4663148
US4663149	A	1987-05-05	US4663149
ES285534	Y	1986-11-16	ES-285534Y
ES285535	Y	1986-11-16	ES-285535Y
ES285536	Y	1986-11-16	ES-285536Y
ES285534	U	1986-04-01	ES-285534U
ES285535	U	1986-04-01	ES-285535U
ES285536	U	1986-04-01	ES-285536U
JPS60237016	A	1985-11-25	JP60237016
GB2155889	A	1985-10-02	GB2155889
FR2561628	A1	1985-09-27	FR2561628
DE3509743	A1	1985-09-26	DE3509743
IT8553156	V0	1985-03-20	IT8553156U
IT8567269	D0	1985-03-20	IT8567269
GB8432064	D0	1985-01-30	GB8432064

Abstract

(US4663148)

A dispenser is disclosed for delivering a beneficial agent to an environment of use. The dispenser comprises a semipermeable wall surrounding a compartment containing a heat responsive composition, and an expandable composition. A passageway in the wall connects the compartment with the exterior of the dispenser.

Inventors

ECKENHOFF JAMES B

THEEUWES FELIX

DETERS JOSEPH C

Latest standardized assignees - inventors removed

ALZA

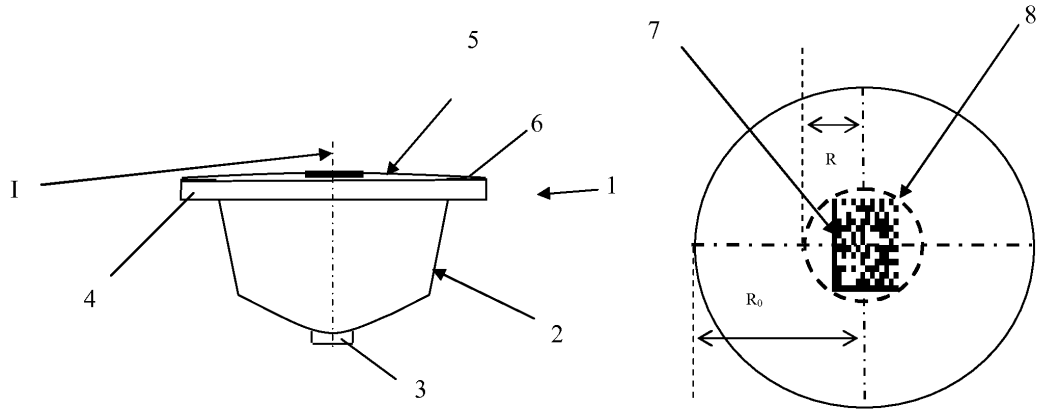
Family 32/100 - FAMPAT - ©Questel

Title

(EP2345352)

Method for providing information to a user from a capsule for the preparation of a beverage using a code

Images



Publication numbers with kind code & date

BR112012017862	B1	2020-04-07	BR112012017862
KR10-2054656	B1	2019-12-11	KR102054656
KR10-1910761	B1	2018-10-22	KR101910761
US9980596	B2	2018-05-29	US9980596
CA2786499	C	2018-02-20	CA2786499
AU2011208837	C1	2017-12-14	AU2011208837
KR10-2017-0124628	A	2017-11-10	KR20170124628
MY160660	A	2017-03-15	MY-160660
SG10201503100V	B	2016-09-08	SG10201503100V
BR112012017862	A2	2016-04-19	BR112012017862
CN102711566	B	2015-11-25	CN102711566B
AU2011208837	B2	2015-11-05	AU2011208837
JP5793151	B2	2015-10-14	JP5793151
IN6208DEN2012	A	2015-09-25	IN2012DN06208
IL220643	B	2015-07-30	IL-220643
SG10201503100V	A	2015-06-29	SG10201503100V
UA108228	C2	2015-04-10	UA-108228
PL2525692	T3	2014-08-29	PL2525692
HRP20140388	T1	2014-06-06	HRP20140388
DK2525692	T3	2014-05-05	DK2525692T
SI2525692	T1	2014-04-30	SI2525692T
ES2457597	T3	2014-04-28	ES2457597
PT2525692	E	2014-04-10	PT2525692
EP2525692	B1	2014-03-05	EP2525692
RU2012135554	A	2014-02-27	RU2012135554
JP2013517028	A	2013-05-16	JP2013517028
EP2525692	A1	2012-11-28	EP2525692
CL2012002011	A1	2012-11-23	CL201202011
US20120295234	A1	2012-11-22	US20120295234
BR112012017862	A1	2012-11-06	BR112012017862
KR10-2012-0121902	A	2012-11-06	KR20120121902
CN102711566	A	2012-10-03	CN102711566
IL220643	A	2012-08-30	IL-220643
MX2012008249	A	2012-08-03	MX2012008249
SG181948	A1	2012-07-30	SG-181948
AU2011208837	A1	2012-07-19	AU2011208837
AR079927	A1	2012-02-29	AR--79927
CA2786499	A1	2011-07-28	CA2786499

WO2011/089049	A1	2011-07-28	WO201189049
EP2345352	A1	2011-07-20	EP2345352

Abstract

(EP2345352)

Method for providing information to a user from a capsule for the preparation of a beverage in a beverage producing device (20) comprising providing a capsule with a two-dimensional barcode (7) thereon, capturing at least one image of the barcode via a digital camera (42) and displaying decoded information from said image on a display (41).

Inventors

ROGNON VINCENT

EPARS YANN

DENISART JEAN-LUC

Latest standardized assignees - inventors removed

NESTLE

Family 33/100 - FAMPAT - ©Questel

Title

(EP3446713)

Aqueous dispersions of controlled release polymers and shells and capsules thereof

Images

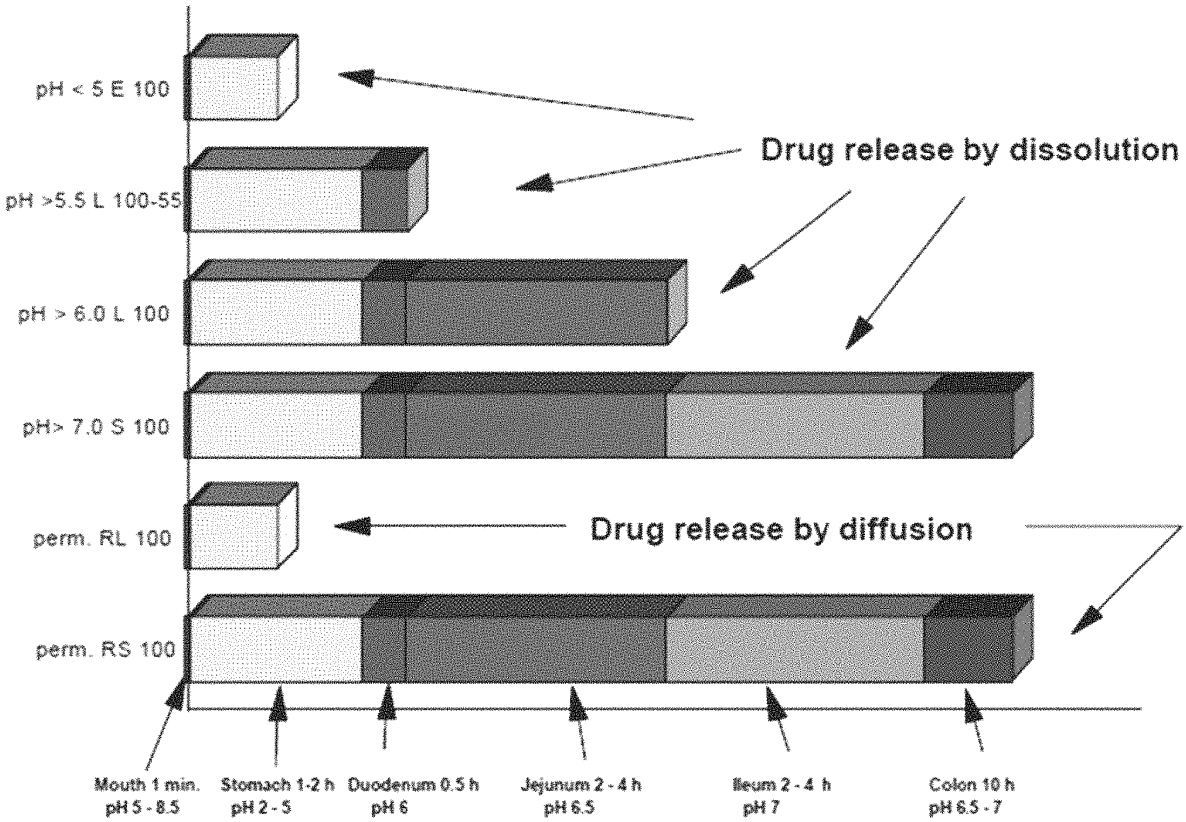


Figure 1. Controlled release profiles

Publication numbers with kind code & date

CA2870134	C	2020-04-28	CA2870134
US20200054569	A1	2020-02-20	US20200054569
US10525010	B2	2020-01-07	US10525010
JP6626712	B2	2019-12-25	JP6626712
US10463625	B2	2019-11-05	US10463625
ES2728850	T3	2019-10-29	ES2728850

EP3524271	A1	2019-08-14	EP3524271
EP3446713	A3	2019-05-15	EP3446713
EP2844296	B1	2019-03-13	EP2844296
EP3446713	A2	2019-02-27	EP3446713
ES2692644	T3	2018-12-04	ES2692644
JP6397813	B2	2018-09-26	JP6397813
EP2844297	B1	2018-08-15	EP2844297
JP2018058870	A	2018-04-12	JP2018058870
CA2870033	C	2017-04-18	CA2870033
JP2015518005	A	2015-06-25	JP2015518005
JP2015515962	A	2015-06-04	JP2015515962
US20150132372	A1	2015-05-14	US20150132372
EP2844296	A1	2015-03-11	EP2844296
EP2844297	A1	2015-03-11	EP2844297
WO2013/164121	A4	2014-01-30	WO2013164121
CA2870033	A1	2013-11-07	CA2870033
CA2870134	A1	2013-11-07	CA2870134
US20130295188	A1	2013-11-07	US20130295188
WO2013/164121	A1	2013-11-07	WO2013164121
WO2013/164122	A1	2013-11-07	WO2013164122

Abstract

(EP3446713)

The present disclosure relates to aqueous compositions for use in the manufacture of capsule shells and capsules with a functional polymer dispersion. The present disclosure relates to aqueous compositions for use in the manufacture of capsule shells endowed with controlled release properties. The present disclosure also relates to aqueous compositions for use in the manufacture of capsule shells and capsules endowed with moisture barrier properties. The present disclosure also relates to methods of manufacturing the capsule shell and capsules, and to capsule shells and capsules obtained therewith.

Inventors

BENAMEUR HASSAN

HUTCHISON KEITH

Latest standardized assignees - inventors removed

CAPSUGEL BELGIUM

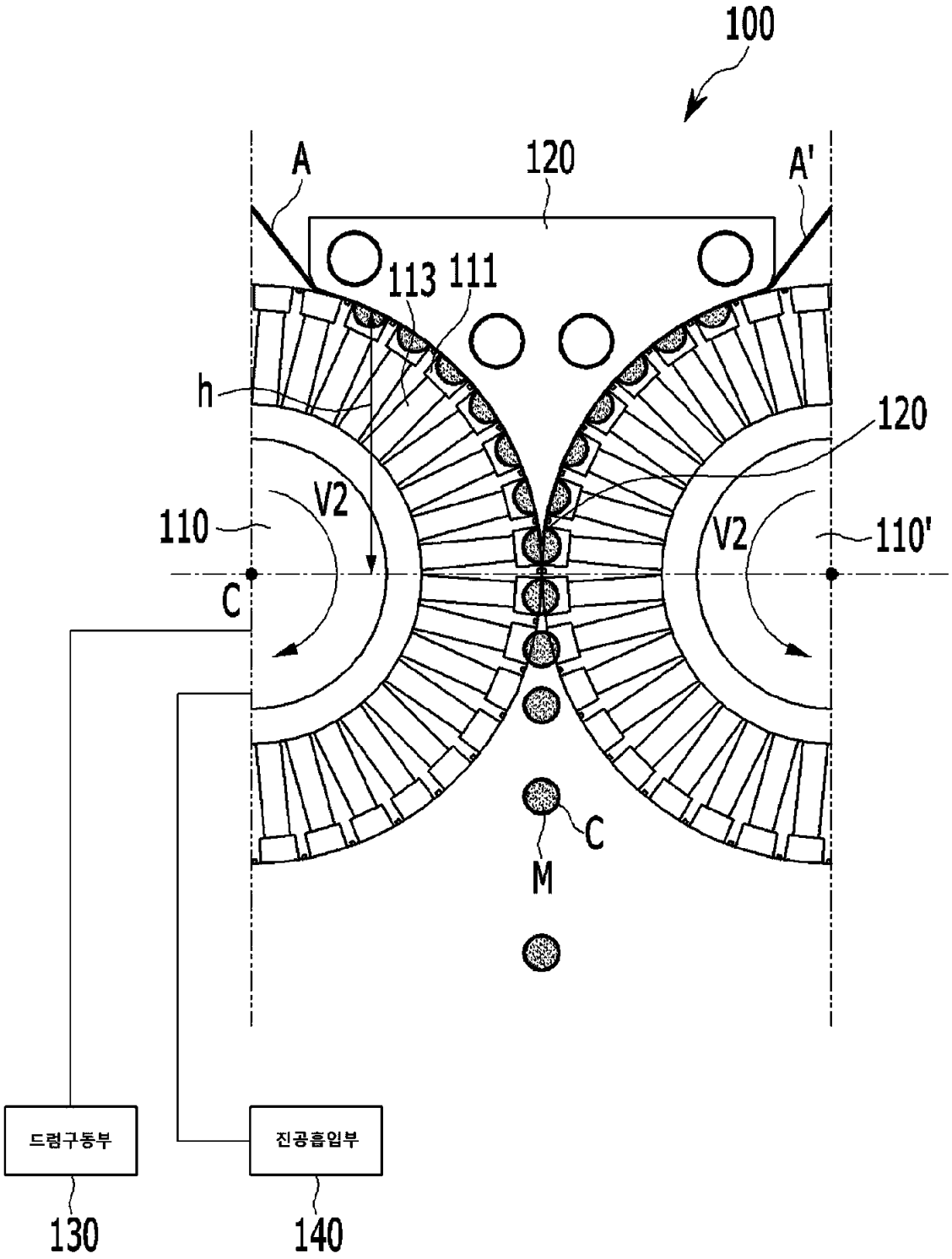
Family 34/100 - FAMPAT - ©Questel

Title

(WO2017126949)

Medicine capsule forming apparatus capable of performing high-speed forming

Images



130 ... Drum-driving part
140 ... Vacuum suction part

Publication numbers with kind code & date

WO2017/126949 A1 2017-07-27 WO2017126949

Abstract

(WO2017/126949)

The present invention relates to a medicine capsule forming apparatus comprising: a pair of forming drums rotating while facing each other, each having a plurality of capsule-forming recesses concavely formed on the outside thereof, wherein the capsule-forming recesses have a shape corresponding to half of a medicine capsule; a medicine injection part disposed between the pair of forming drums and having a plurality of nozzles for supplying a medicine into the capsule-forming recesses, the nozzles being formed on opposite sides of the medicine injection part to have bilateral symmetry with respect to the center of the medicine injection part; and a drum-driving part for rotating the forming drums, wherein the medicine injection part includes an injection part main body having curved contact surfaces on opposite sides of a lower end portion thereof that is inserted to an encapsulation position where the capsule forming recesses of the pair of forming drums make contact with each other, the curved contact surfaces corresponding to the outer circumferential surfaces of the forming drums, and a plurality of nozzles are arranged at different heights on the curved contact surfaces in the axial direction of the forming drums, wherein the nozzles in the first row located at the lowermost position of each curved contact surface are formed along the curved contact surface within the range of 12° to 70° from the center of the corresponding forming drum and the lower end portion of the injection part main body.

Inventors

CHOI, IN-KYU

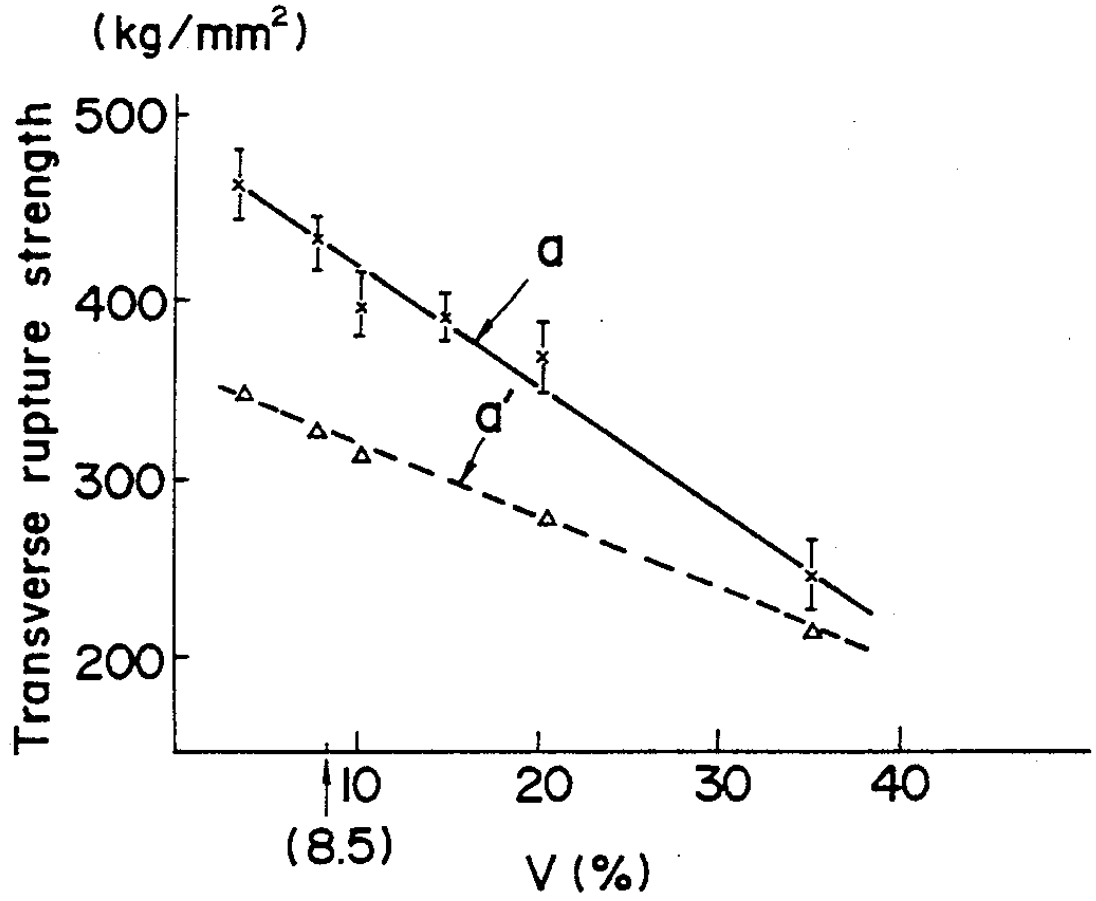
Family 35/100 - FAMPAT - ©Questel

Title

(EP--76326)

Sintered, high-v, high-speed steel and process for its production

Images



Publication numbers with kind code & date

JP1715668	C	1992-11-27	JP1715668
JPH0369962	B2	1991-11-06	JP91069962
SE452634	B	1987-12-07	SE-452634
DE3239718	C2	1987-07-16	DE3239718

EP0076326	B1	1987-02-04	EP--76326
US4519839	A	1985-05-28	US4519839
GB2119400	B	1985-04-17	GB2119400
EP0076326	A4	1984-01-18	EP--76326
GB2119400	A	1983-11-16	GB2119400
DE3239718	A1	1983-06-30	DE3239718
EP0076326	A1	1983-04-13	EP--76326
SE8207018	D0	1982-12-08	SE8207018
SE8207018	L	1982-12-08	SE8207018
JP57181367	A	1982-11-08	JP57181367
WO82/03412	A1	1982-10-14	WO8203412

Abstract

(EP0076326)

Sintered, high-V, high-speed steel containing 1.4 to 9.0% C,10.0 to 24.0%'W + **2Mo(in terms of W)', 3.0 to 6.0% Cr, 8.5 to 38% V, up to 17% Co, and the balance of Fe and unavoidable impurities and having excellent hardness and toughness, and a process for its production by powder metallurgy, which comprises using a powder of oxides corresponding to the metal ingredients of the alloy, adding carbon power thereto mixing and pulverizing the resulting mixture, heating the mixture in a hydrogen stream to co-reduce the oxides with hydrogen and carbon and simultaneously form an alloy, adjusting the composition and particle size of the resulting alloy powder, molding and sintering the alloy powder in vacuo, then conducting heat treatment to make the alloy matrix martensitic.

Inventors

ISHIBACHI, TOYOAKI CHUO KENKYUSHO

YOSHIHARA, MINORU KANTO DENKA KOGYO CO., LTD.

TAKUMA, TAKASHI KANTO DENKA KOGYO CO., LTD.

FUKE, YASUNORI

MAEDA, MASAYUKI

Latest standardized assignees - inventors removed

FURUKAWA ELECTRIC

KANTO DENKA KOGYO

FUJIDIE

Family 36/100 - FAMPAT - ©Questel

Title

(EP1393719)

Camptothecin-carboxylate formulations

Images

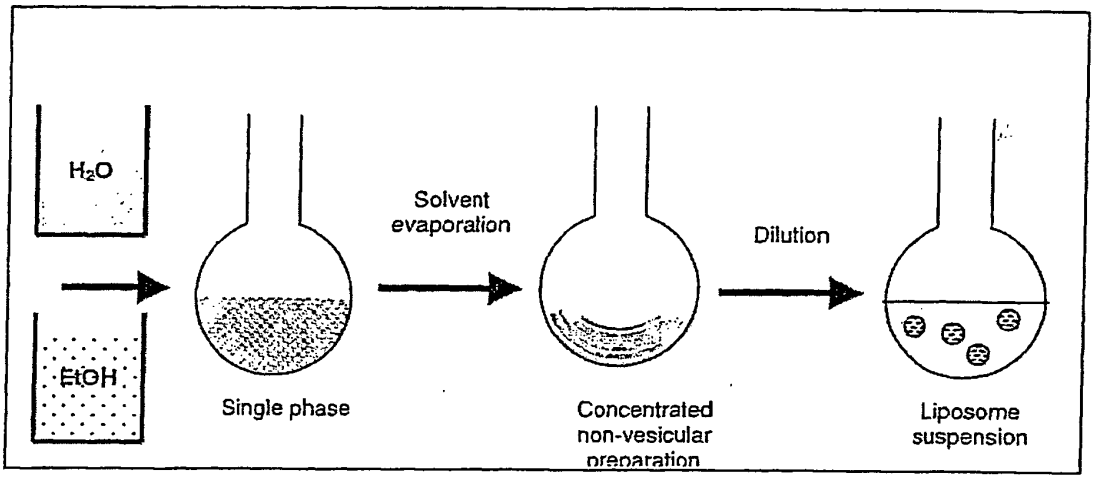


Fig. 1

Publication numbers with kind code & date

DE60329210	D1	2009-10-22	DE60329210
AT442129	T	2009-09-15	ATE442129
EP1553923	B1	2009-09-09	EP1553923
AU2003242765	B2	2008-11-06	AU2003242765
AU2003270102	B2	2008-10-02	AU2003270102
US20060128736	A1	2006-06-15	US20060128736
JP2006508912	A	2006-03-16	JP2006508912
JP2005535633	A	2005-11-24	JP2005535633
US20050232984	A1	2005-10-20	US20050232984
EP1553923	A1	2005-07-20	EP1553923
EP1530456	A2	2005-05-18	EP1530456
WO2004/017943	A3	2004-05-13	WO200417943
AU2003270102	A1	2004-03-11	AU2003270102
CA2495913	A1	2004-03-04	CA2495913
WO2004/017943	A2	2004-03-04	WO200417943
EP1393719	A1	2004-03-03	EP1393719
AU2003242765	A1	2004-01-19	AU2003242765
CA2489555	A1	2004-01-08	CA2489555
WO2004/002454	A1	2004-01-08	WO200402454

Abstract

(EP1393719)

A composition comprising the carboxylate form of a camptothecin drug or a derivative thereof associated with at least one organic cationic molecule which has a positive net charge cationic molecule), wherein said composition has a molar ratio of at least about 1:1 of an organic cationic molecule to camptothecin carboxylate and is substantially free of the lactone form of said drug or a derivative thereof.

Inventors

HAAS HEINRICH

PEYMANN TORALF

FATTLER URSULA

Latest standardized assignees - inventors removed

MEDIGENE

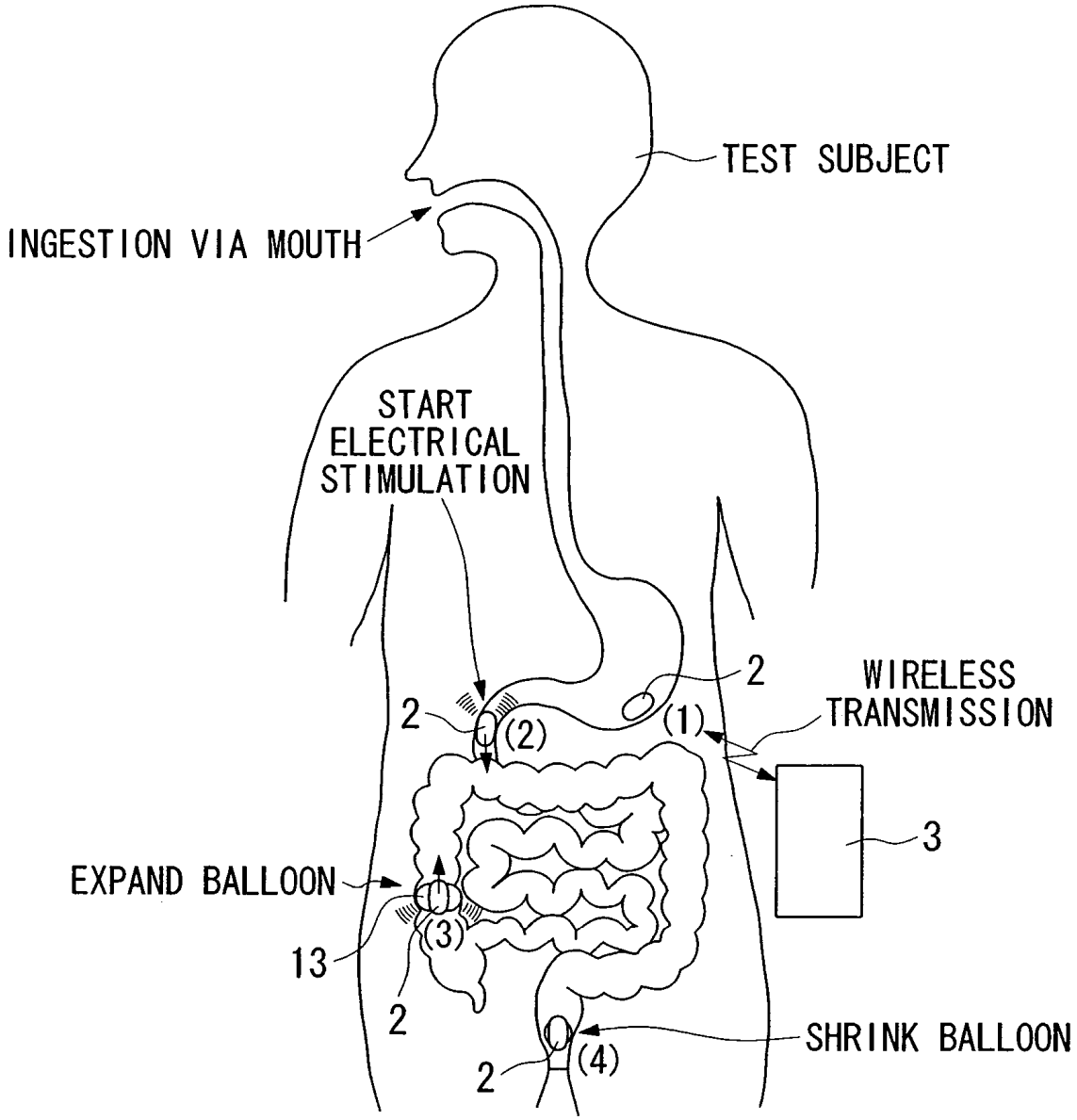
Family 37/100 - FAMPAT - ©Questel

Title

(EP1690490)

Capsule type medical device system

Images



Publication numbers with kind code & date

US8303490	B2	2012-11-06	US8303490
EP1690490	B1	2012-04-18	EP1690490
US7918786	B2	2011-04-05	US7918786
EP1690490	A4	2009-10-21	EP1690490
CN100539935	C	2009-09-16	CN100539935C
US20090204181	A1	2009-08-13	US20090204181
JP4094543	B2	2008-06-04	JP4094543

JP4020861	B2	2007-12-12	JP4020861
CN1878495	A	2006-12-13	CN1878495
EP1690490	A1	2006-08-16	EP1690490
US20050183733	A1	2005-08-25	US20050183733
JP2005185544	A	2005-07-14	JP2005185544
JP2005185644	A	2005-07-14	JP2005185644
JP2005143560	A	2005-06-09	JP2005143560
WO2005/044094	A1	2005-05-19	WO200544094

Abstract

(EP1690490)

This capsule type medical device system includes: a position detection device 4 which detects the position within the living body of a capsule type medical device 2 which can be ingested to within the living body; an electrode 5 which is provided in the vicinity of the outer surface of the capsule type medical device 2, and which applies an electrical stimulus to living body tissue; and a control device 6 which controls the electric current which flows to the electrode 5; and the control device 6 controls the electric current which flows to the electrode 5 based upon positional information which is detected by the position detection device 4.

Inventors

KAWANO HIRONAO

TAKIZAWA HIRONOBU

YOKOI TAKESHI

HOMAN MASATOSHI

UCHIYAMA AKIO

Latest standardized assignees - inventors removed

OLYMPUS

Family 38/100 - FAMPAT - ©Questel

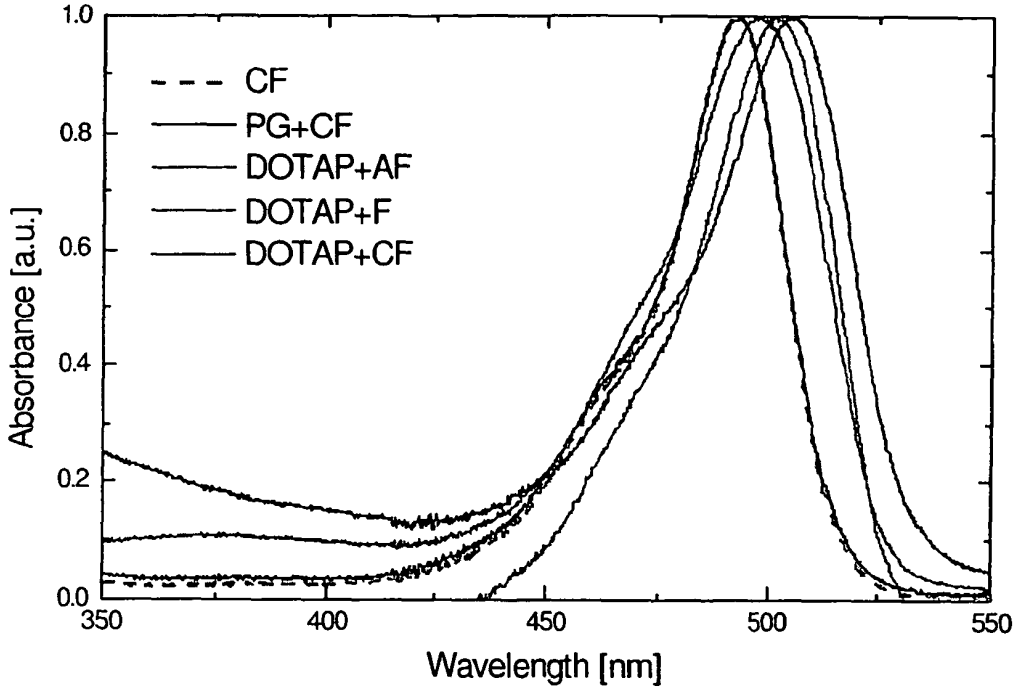
Title

(EP1553924)

Novel method of stabilizing diagnostic and therapeutic compounds in a cationic carrier system

Images

Fig 1



Publication numbers with kind code & date

DE60335279	D1	2011-01-20	DE60335279
AT490763	T	2010-12-15	ATE490763
EP1553924	B1	2010-12-08	EP1553924
AU2003249882	B2	2008-09-18	AU2003249882
JP2005534718	A	2005-11-17	JP2005534718
EP1553924	A1	2005-07-20	EP1553924
AU2003249882	A1	2004-01-19	AU2003249882
CA2492080	A1	2004-01-08	CA2492080
WO2004/002455	A1	2004-01-08	WO200402455

Abstract

(EP1553924)

The present invention relates to a method of stabilizing a low molecular weight compound in a cationic liposome, wherein said compound has a low solubility in a lipid membrane and/or a low permeability across a lipid membrane. Preferably, the compound is modified in order to increase lipid membrane solubility and/or lipid membrane permeability. After delivery of the cationic liposome to a target site, particularly a target site in an organism, the modification is reversed and the low molecular weight compound may enact its desired activity.

Inventors

HAAS HEINRICH
FICHERT THOMAS
SCHULZE BRITA
PEYMANN TORALF
MICHAELIS UWE
TEIFEL MICHAEL

Latest standardized assignees - inventors removed

MEDIGENE

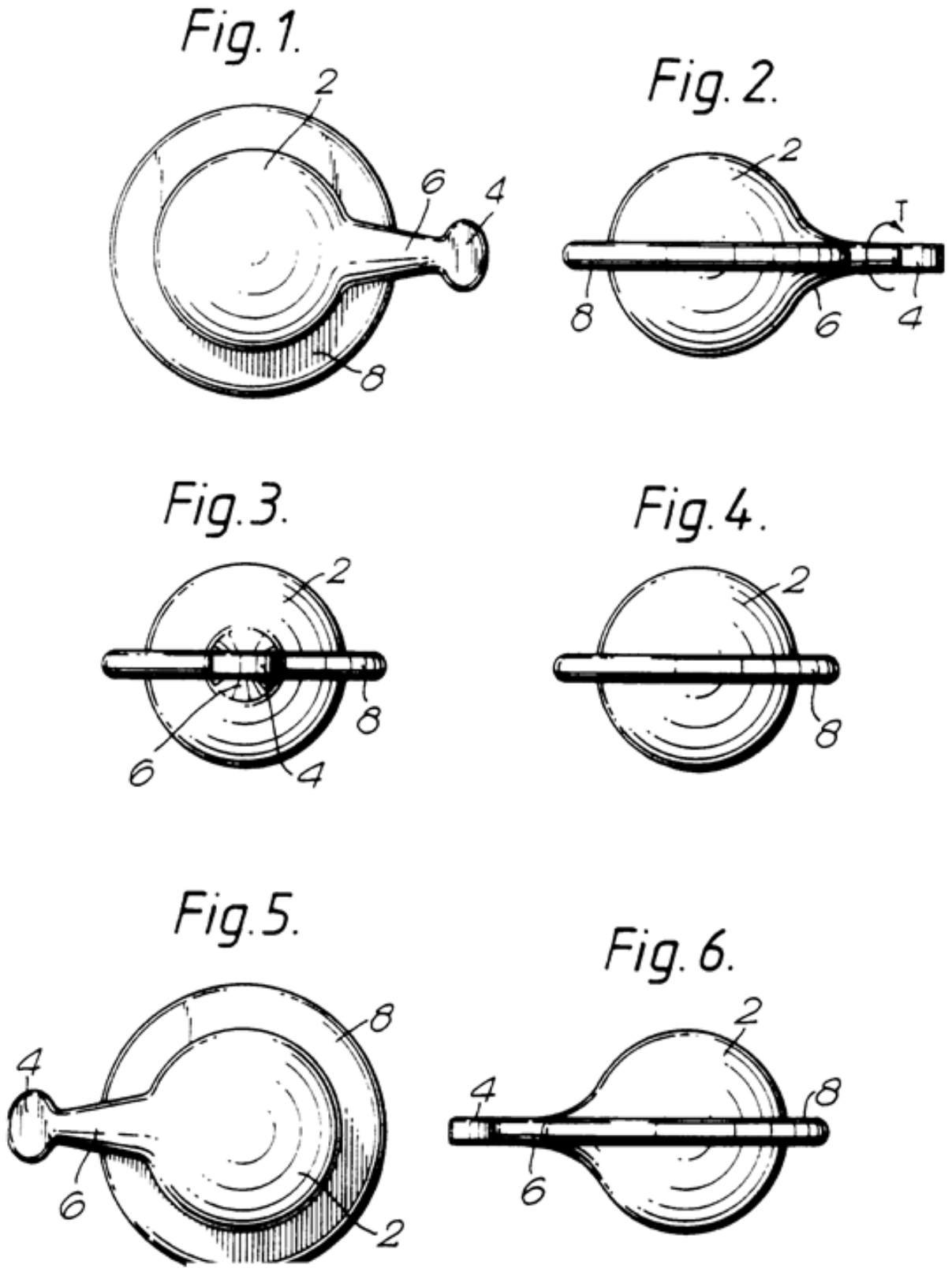
Family 39/100 - FAMPAT - ©Questel

Title

(EP-453683)

Cosmetic capsules.

Images



Publication numbers with kind code & date

JP2571466	B2	1997-01-16	JP2571466
DE69010889	T2	1994-11-24	DE69010889
ES2057435	T3	1994-10-16	ES2057435

DE69010889	D1	1994-08-25	DE69010889
AT108644	T	1994-08-15	ATE108644
EP0453683	B1	1994-07-20	EP-453683
JP04013610	A	1992-01-17	JP04013610
EP0453683	A1	1991-10-30	EP-453683

Abstract

(EP0453683)

A cosmetic product is provided that stores a cosmetic composition in a capsule having a round body with hollow chamber forming a major portion of the capsule, a tab forming a minor portion of the capsule, and a neck section connecting the tab with the round body. Upon twisting, the neck can be broken to allow release of cosmetic composition from within the chamber.

Inventors

SPELLMAN JOSEPH XAVIER

BECK MARLENE C

CONNELL VICTORIA

Latest standardized assignees - inventors removed

UNILEVER

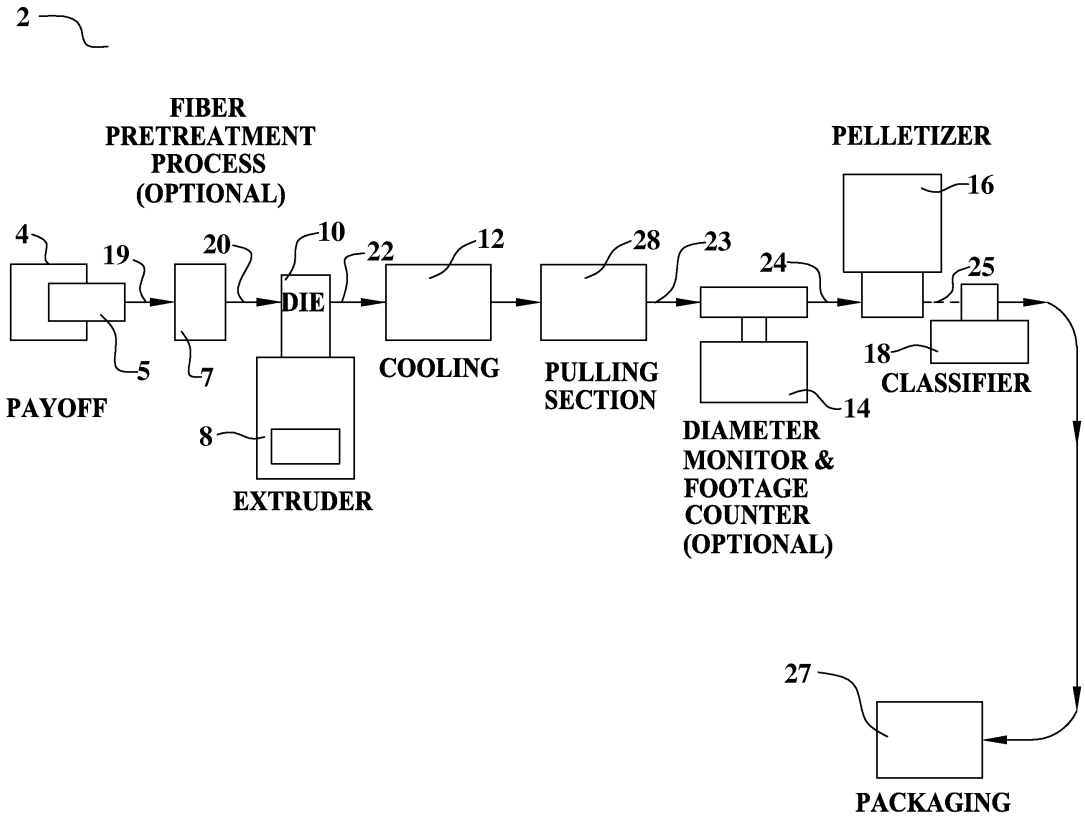
Family 40/100 - FAMPAT - ©Questel

Title

(EP2969490)

Moldable capsule and method of manufacture

Images



Publication numbers with kind code & date

BR112015023616	A2	2017-07-18	BR112015023616
EP2969490	A4	2016-11-16	EP2969490
IN8453/DELNP/2015	A	2016-07-29	IN2015DN08453
MX2015013129	A	2016-07-13	MX2015013129
JP2016516611	A	2016-06-09	JP2016516611

CN105451972	A	2016-03-30	CN105451972
US20160059464	A1	2016-03-03	US20160059464
PH12015502168	A1	2016-02-15	PH12015502168
EP2969490	A2	2016-01-20	EP2969490
KR10-2016-0006677	A	2016-01-19	KR20160006677
BR112015023616	A1	2015-12-08	BR112015023616
SG11201507643P	A	2015-10-29	SG11201507643P
AU2014239647	A1	2015-10-15	AU2014239647
WO2014/152500	A3	2014-12-24	WO2014152500
CA2906809	A1	2014-09-25	CA2906809
WO2014/152500	A2	2014-09-25	WO2014152500
US20140272417	A1	2014-09-18	US20140272417

Abstract

(EP2969490)

A method to form moldable capsules of a conductively doped resin-based material are created. A resin-based material is extruded/pultruded onto a bundle of conductive material. The resin-based material and the bundle are sectioned into moldable capsules. The method further comprises heating the bundle to a temperature near the melt temperature of the resin-based material. The heating may comprise heating the bundle to a temperature above the melt temperature of the resin-based material. In further embodiments, heating comprises heating the bundle to a temperature above the glass transition temperature of the resin-based material.

Inventors

ZEIDAN MO

Latest standardized assignees - inventors removed

INTEGRAL TECHNOLOGIES

Family 41/100 - FAMPAT - ©Questel

Title

(EP1474115)

Process for preparing a formulatin for non-gelatin capsule shell comprising iota-carrageenan and kappa-carrageenan

Images



Publication numbers with kind code & date

DE60331524	D1	2010-04-15	DE60331524
AT459344	T	2010-03-15	ATE459344
EP1474115	B1	2010-03-03	EP1474115
CA2473312	C	2010-02-23	CA2473312
CN100467065	C	2009-03-11	CN100467065C
AU2003237365	B2	2007-05-31	AU2003237365
MXPA04006914	A	2006-03-16	MX2004PA006914
US20060029660	A1	2006-02-09	US20060029660
JP2005529066	A	2005-09-29	JP2005529066
US6949256	B2	2005-09-27	US6949256
CN1649572	A	2005-08-03	CN1649572
IN2075/DELNP/2004	A	2005-04-01	IN2004DN02075
EP1474115	A1	2004-11-10	EP1474115
WO03/061633	B1	2003-12-18	WO200361633
CA2473312	A1	2003-07-31	CA2473312

WO03/061633	A1	2003-07-31	WO200361633
US20030138482	A1	2003-07-24	US20030138482

Abstract

(EP1474115)
A film-forming hydrocolloid composition comprising kappa carrageenan, iota carrageenan, a bulking agent, plasticizer and water is described. The ratio of bulking agent to total carrageenan is from about 1:1 to 20:1. Kappa carrageenan is present in an amount of less than or equal to 50% by weight of total carrageenan present. To form the composition, all dry materials are mixed and added to a heated mixture of all liquid materials. The final mixture is heated until a composition free of particulate materials is formed. The formed composition can be cast or extruded into ribbons, films, sheets, tubes or the like, for encapsulating wet or dry materials including medicinal dosage forms, nutritional supplements, cosmetics, bath oils and gels, and paint balls.

Inventors

FONKWE LINUS G
ARCHIBALD DON A
GENNADIOS ARISTIPPOS

Latest standardized assignees - inventors removed

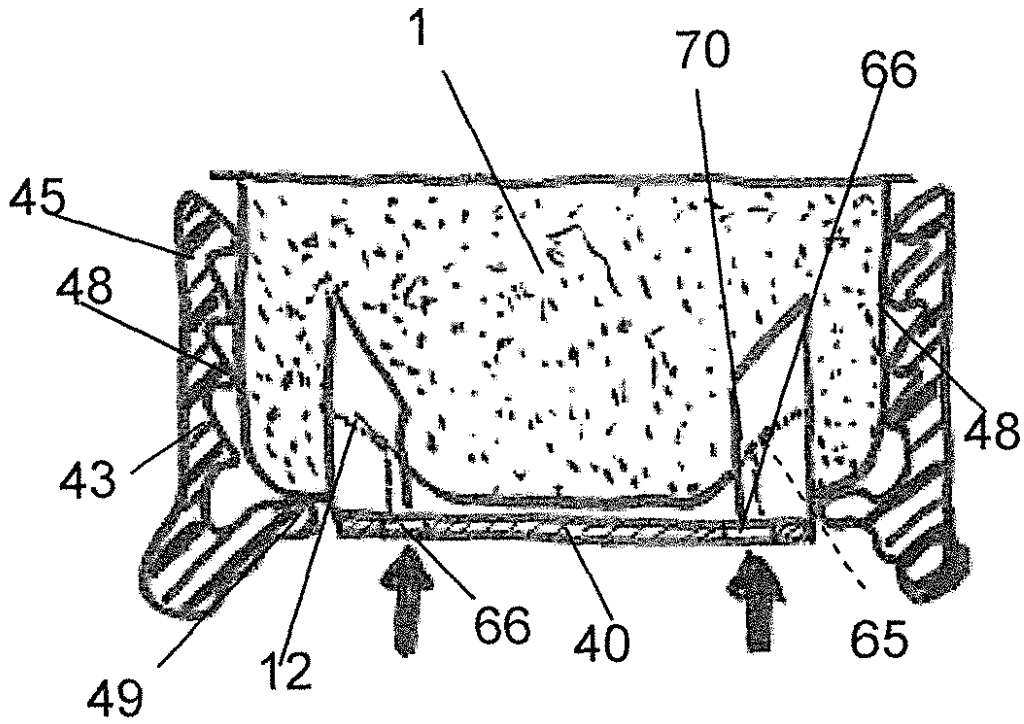
PATHEON SOFTGELS
BANNER PHARMACAPS

Family 42/100 - FAMPAT - ©Questel

Title

(EP2647317)
Method and preparation system for preparing a brewed product

Images



Publication numbers with kind code & date

IL234529	B	2020-09-30	IL-234529
KR10-2159413	B1	2020-09-24	KR102159413
CA2873719	C	2020-05-12	CA2873719

RU2636369	C2	2017-11-22	RU2636369
JP6196660	B2	2017-09-13	JP6196660
US9713400	B2	2017-07-25	US9713400
AU2013243206	B2	2017-07-13	AU2013243206
SG11201406304V	B	2017-02-02	SG11201406304V
HUE027926	T2	2016-11-28	HUE027926
NZ711009	A	2016-10-28	NZ-711009
CN104334062	B	2016-10-12	CN104334062B
IN6829/CHENP/2014	A	2016-07-01	IN2014CN06829
RU2014143716	A	2016-05-27	RU2014143716
PL2742832	T3	2016-02-29	PL2742832
PT2742832	E	2015-11-17	PT2742832
ES2550991	T3	2015-11-13	ES2550991
DK2742832	T5	2015-10-26	DK2742832T
DK2742832	T3	2015-10-05	DK2742832T
NZ630758	A	2015-09-25	NZ-630758
EP2742832	B1	2015-07-22	EP2742832
BR112014024158	A1	2015-06-30	BR112014024158
JP2015516198	A	2015-06-11	JP2015516198
PL2647317	T3	2015-04-30	PL2647317
ES2531245	T3	2015-03-12	ES2531245
US20150056351	A1	2015-02-26	US20150056351
DK2647317	T3	2015-02-09	DK2647317T
PT2647317	E	2015-02-09	PT2647317
CN104334062	A	2015-02-04	CN104334062
KR10-2014-0148425	A	2014-12-31	KR20140148425
SG11201406304V	A	2014-11-27	SG11201406304V
EP2647317	B1	2014-11-26	EP2647317
IL234529	A	2014-10-30	IL-234529
AU2013243206	A1	2014-10-02	AU2013243206
HK1190050	A1	2014-06-27	HK1190050
EP2742832	A1	2014-06-18	EP2742832
WO2013/149354	A3	2013-11-28	WO2013149354
CA2873719	A1	2013-10-10	CA2873719
WO2013/149354	A2	2013-10-10	WO2013149354
EP2647317	A1	2013-10-09	EP2647317

Abstract

(EP2647317)

The brewing method involves placing a capsule (1) in a brewing module of a machine for preparing the brewing product. A brewing chamber of the brewing module is closed till the capsule is placed in the brewing chamber. A pressurized brewing liquid is introduced in the area between the injection-sided contact surface and the injection-sided covering surface. The pressure is maintained on the brewing liquid as long as the brewing product discharges from a discharge opening formed in the extraction-sided covering surface by tapping through an extraction-sided perforation element. An independent claim is included for a preparation system for a brewing product.

(From EP2647317 A1)

Inventors

DEUBER LOUIS

Latest standardized assignees - inventors removed

QBO COFFEE

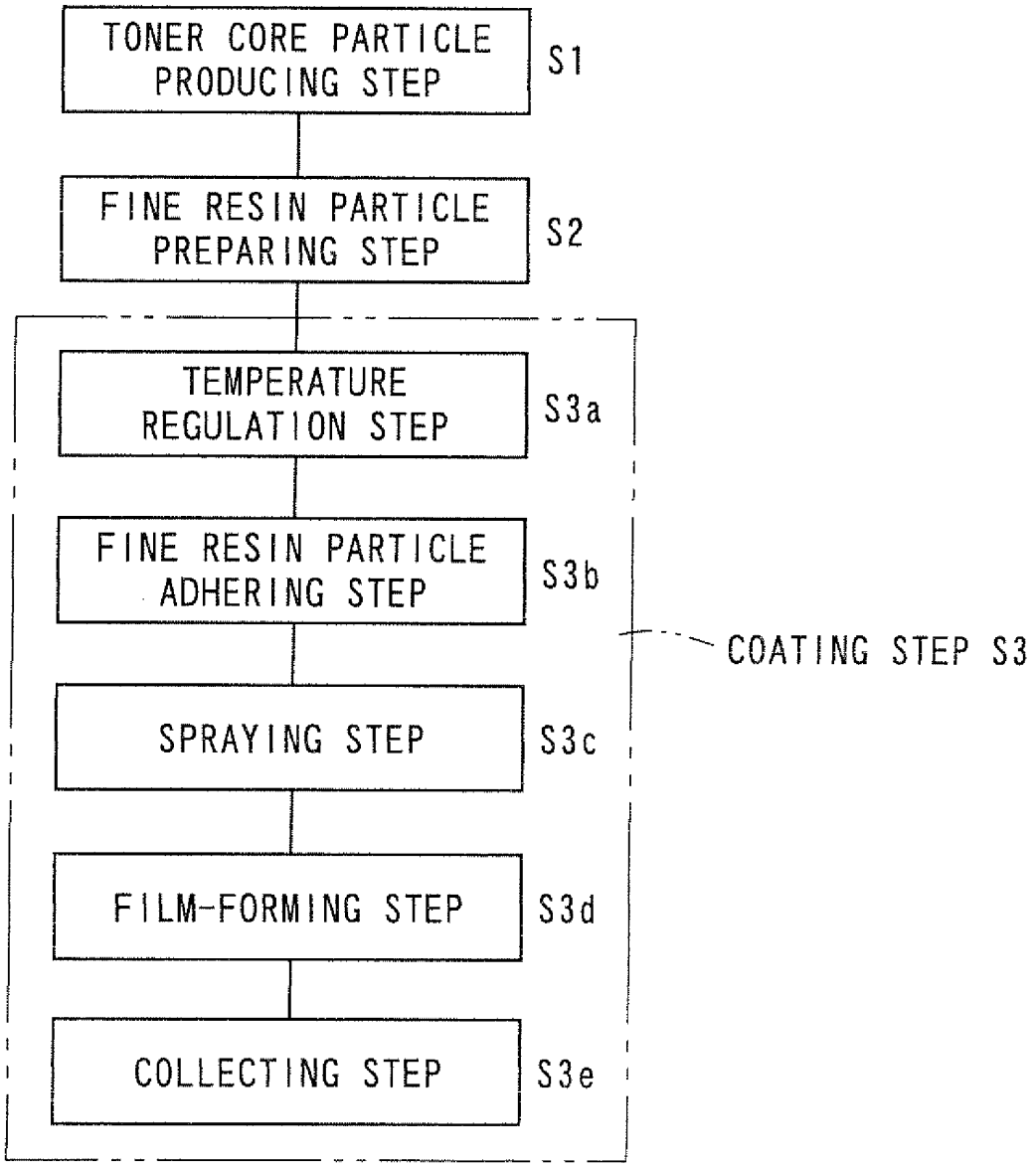
Family 43/100 - FAMPAT - ©Questel

Title

(US8426096)

Capsule toner and method of manufacturing capsule toner

Images



Publication numbers with kind code & date

US8426096	B2	2013-04-23	US8426096
CN101866122	B	2013-01-23	CN101866122B
JP4850924	B2	2012-01-11	JP4850924
JP2010250130	A	2010-11-04	JP2010250130
US20100266947	A1	2010-10-21	US20100266947
CN101866122	A	2010-10-20	CN101866122

Abstract

(US20100266947)

A capsule toner in which fine solid particles constituting a shell layer are less likely to become detached from the surfaces of toner particles in spite of a long-term use within an image forming apparatus and which is capable of prevention of

occurrence of filming on a photoreceptor drum, and a method of manufacturing the capsule toner are provided. The capsule toner includes core particle and shell layers for covering the surface of the core particle. The shell layer is formed of a plurality of fine polyester resin particles. The polyester resins contained in the fine polyester resin particles, respectively, are cross-linked to each other by a cross-linking agent.

Inventors

MAEZAWA NOBUHIRO

Latest standardized assignees - inventors removed

SHARP

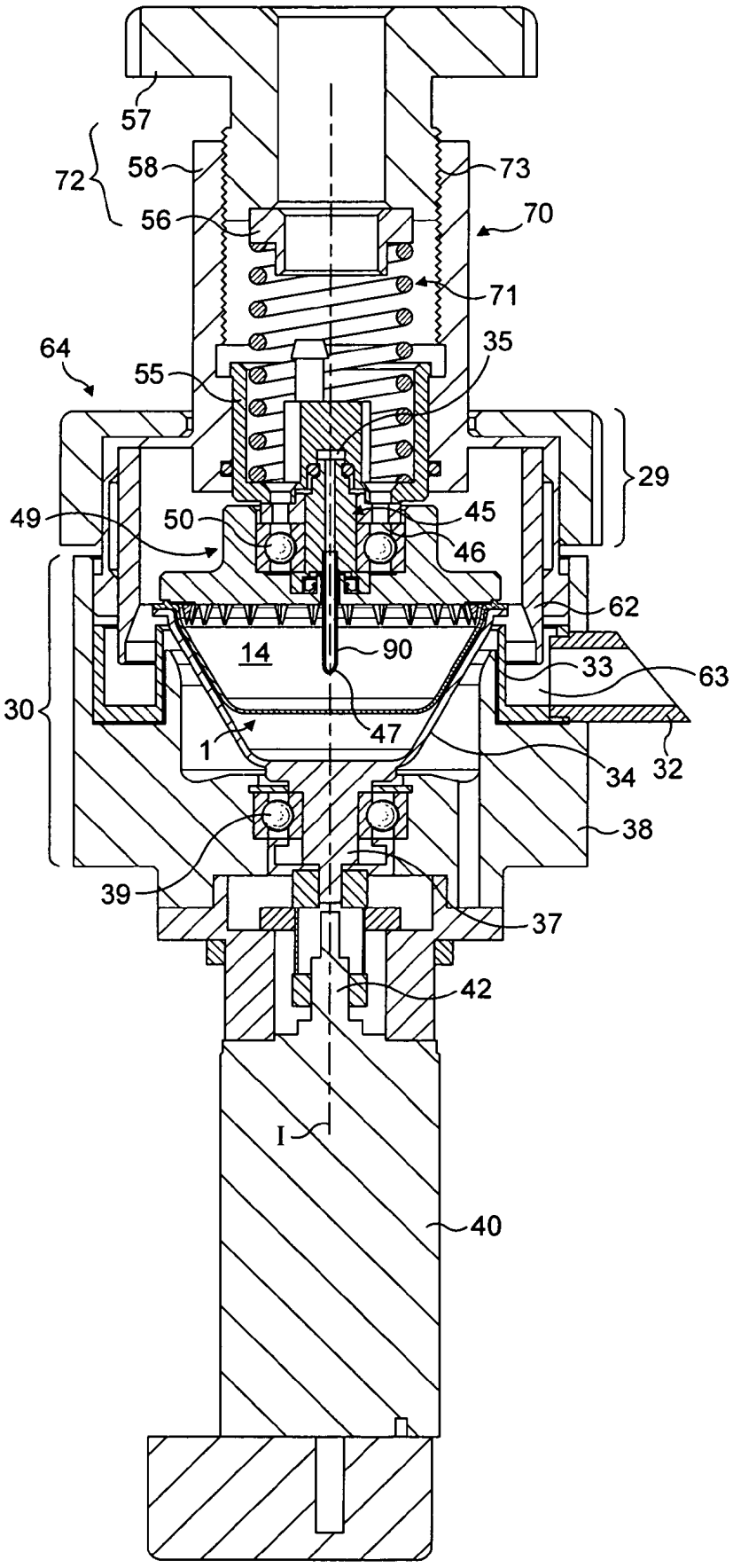
Family 44/100 - FAMPAT - ©Questel

Title

(EP2378931)

Liquid food preparation system for preparing a liquid food by centrifugation

Images



Publication numbers with kind code & date

IN309028	B	2019-03-12	IN-309028
CA2745294	C	2017-12-19	CA2745294
AU2009326071	B2	2016-01-14	AU2009326071
US9095236	B2	2015-08-04	US9095236
JP5497778	B2	2014-05-21	JP5497778
RU2511493	C2	2014-04-10	RU2511493
CN102245066	B	2014-01-15	CN102245066B
SG171357	B	2014-01-15	SG-171357
PL2378931	T3	2013-06-28	PL2378931
ES2402761	T3	2013-05-08	ES2402761
DK2378931	T3	2013-03-11	DK2378931T
PT2378931	E	2013-02-14	PT2378931
EP2378931	B1	2013-01-23	EP2378931
RU2011128304	A	2013-01-20	RU2011128304
ZA201105053	B	2012-12-27	ZA201105053
BRPI0923239	A1	2012-11-13	BR200923239
HK1162131	A1	2012-08-24	HK1162131
JP2012511336	A	2012-05-24	JP2012511336
IN3885/DELNP/2011	A	2012-04-06	IN2011DN03885
CN102245066	A	2011-11-16	CN102245066
EP2378931	A1	2011-10-26	EP2378931
US20110244099	A1	2011-10-06	US20110244099
KR20110096568	A	2011-08-30	KR20110096568
IL213075	A	2011-07-31	IL-213075
SG171357	A1	2011-06-29	SG-171357
MX2011006185	A	2011-06-27	MX2011006185
AR074571	A1	2011-01-26	AR--74571
AU2009326071	A1	2010-06-17	AU2009326071
CA2745294	A1	2010-06-17	CA2745294
WO2010/066736	A1	2010-06-17	WO201066736

Abstract

(EP2378931)

Liquid food preparation system for preparing a liquid food from a food substance comprising a device and a capsule removably insertable in the device, by passing water through the substance in the capsule, comprising a water injection head for injecting water in the capsule and a capsule holder for holding the capsule in the device, means for driving the capsule in centrifugation, perforating means which are configured relative to the capsule in the device to open outlets at the periphery of the capsule, a capsule comprising a delivery pierceable membrane, wherein said perforating means, are suited to be engaged through the membrane for forming with the perforated membrane a filtering means for retaining solid particles in the capsule and orifices in the membrane for enabling the centrifuged liquid to leave the capsule.

Inventors

PERENTES ALEXANDRE

JARISCH CHRISTIAN

YOAKIM ALFRED

DENISART JEAN-PAUL

RYSER ANTOINE

Latest standardized assignees - inventors removed

NESTLE

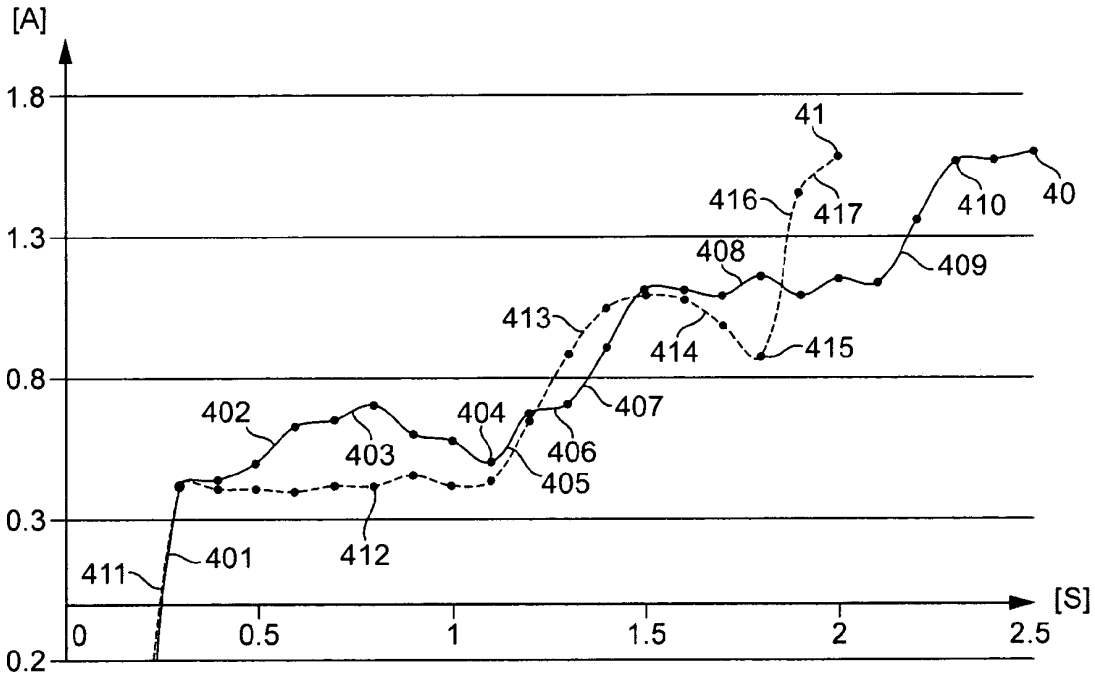
Family 45/100 - FAMPAT - ©Questel

Title

(EP2926698)

Controlled motorized brewing unit

Images



Publication numbers with kind code & date

BR112013004688	B1	2020-09-29	BR112013004688
BR112013004767	B1	2020-05-12	BR112013004767
US10631683	B2	2020-04-28	US10631683
MX365198	B	2019-05-27	MX-365198
US10285534	B2	2019-05-14	US10285534
CA2809051	C	2018-06-05	CA2809051
CA2809078	C	2018-05-22	CA2809078
ES2588711	T3	2016-11-04	ES2588711
CN103179890	B	2016-10-05	CN103179890B
CN103209622	B	2016-08-31	CN103209622B
MX341681	B	2016-08-30	MX-341681
PT2608704	T	2016-08-17	PT2608704T
BR112013004767	A2	2016-08-02	BR112013004767
EP2608704	B1	2016-06-22	EP2608704
BR112013004688	A2	2016-05-10	BR112013004688
AU2011295342	B2	2016-03-31	AU2011295342
JP5871927	B2	2016-03-01	JP5871927
RU2574970	C2	2016-02-10	RU2574970
AU2011295341	C1	2015-12-17	AU2011295341
EP2926698	A1	2015-10-07	EP2926698
PT2608705	E	2015-09-25	PT2608705
ES2546489	T3	2015-09-24	ES2546489
RU2560911	C2	2015-08-20	RU2560911
EP2608705	B1	2015-06-24	EP2608705
AU2011295341	B2	2015-05-07	AU2011295341
IN1950/DELNP/2013	A	2014-10-31	IN2013DN01950
IN1951/DELNP/2013	A	2014-10-31	IN2013DN01951
RU2013113570	A	2014-10-10	RU2013113570
RU2013113574	A	2014-10-10	RU2013113574

ZA201302271	B	2014-09-25	ZA201302271
ZA201302273	B	2014-09-25	ZA201302273
CH705749	B1	2014-03-14	CH-705749
BR112013004688	A1	2013-12-31	BR112013004688
BR112013004767	A1	2013-12-31	BR112013004767
JP2013539383	A	2013-10-24	JP2013539383
JP2013539384	A	2013-10-24	JP2013539384
DK201300013	U4	2013-09-13	DK201300013U
KR10-2013-0095756	A	2013-08-28	KR20130095756
KR10-2013-0095757	A	2013-08-28	KR20130095757
CN103209622	A	2013-07-17	CN103209622
DE112011102829	T5	2013-07-11	DE112011102829
US20130167728	A1	2013-07-04	US20130167728
EP2608704	A1	2013-07-03	EP2608704
EP2608705	A1	2013-07-03	EP2608705
CN103179890	A	2013-06-26	CN103179890
US20130152797	A1	2013-06-20	US20130152797
MX2013002271	A	2013-05-22	MX2013002271
MX2013002272	A	2013-05-22	MX2013002272
AU2011295341	A1	2013-03-14	AU2011295341
AU2011295342	A1	2013-03-14	AU2011295342
DK201300013	U1	2013-02-08	DK201300013U
CA2809051	A1	2012-03-01	CA2809051
CA2809078	A1	2012-03-01	CA2809078
WO2012/025258	A1	2012-03-01	WO201225258
WO2012/025259	A1	2012-03-01	WO201225259

Abstract

(EP2926698)

A motorized beverage machine (1) has a brewing unit (2) that comprises a first assembly (13) and a second assembly (14) cooperating together, each assembly (13,14) delimiting part of a brewing chamber (29) for containing an ingredient capsule (30). At least one of these assemblies (14) is: - movable away from the cooperating assembly (13) into an open position within such machine for forming between said assemblies a passage (31) for inserting into and/or removing from the brewing unit the ingredient capsule (30); and - movable to the cooperating assembly into a closed position for forming the brewing chamber (29). The machine comprises activation means including: - a motor for driving the movable assembly between the open and closed positions and transmission means for transmitting the drive action of the motor to the movable assembly; - water supply means for supplying heated water to brewing chamber; - control means for controlling the drive action of the motor comprising means for measuring at least one electrical parameter representative of the motor power consumption and for comparing the evolution of said measured parameter as a function of time during the transfer of the assembly from the open to the closed position to a set reference and means for providing an input to at least one of the activation means as a result of the compared evolution of the measured parameter to the set reference.

Inventors

MÖRI PETER

Latest standardized assignees - inventors removed

NESTLE

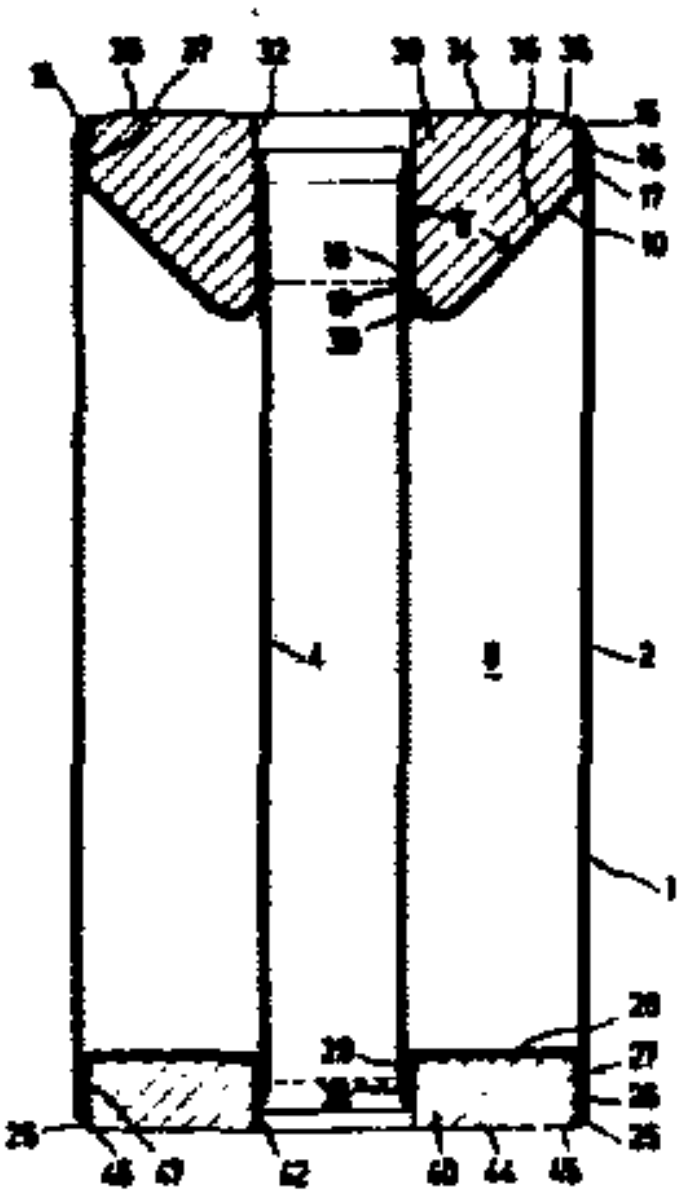
Family 46/100 - FAMPAT - ©Questel

Title

(EP--20536)

Annular casings and process for the production of tubes by powder metallurgy and process for the manufacturing of such casings

Images



Publication numbers with kind code & date

DK153742	C	1989-01-23	DK-153742C
DK153742	B	1988-08-29	DK-153742
SU1369666	A3	1988-01-23	SU1369666
IT1127798	B	1986-05-21	IT1127798
CH652054	A5	1985-10-31	CH-652054
SE441336	B	1985-09-30	SE-441336
NO151779	C	1985-06-05	NO-151779
DE2967396	D1	1985-03-28	DE2967396

AT11881	T	1985-03-15	ATE011881
NO151779	B	1985-02-25	NO-151779
EP0020536	B1	1985-02-20	EP--20536
PL132096	B1	1985-01-31	PL-132096
MX150474	A	1984-05-14	MX-150474
AT374387	B	1984-04-10	AT-374387
ATA692379	A	1983-09-15	AT7906923
FR2439639	B1	1983-04-29	FR2439639
HU179975	B	1983-01-28	HU-179975
CS216687	B2	1982-11-26	CS-216687
GB2034226	B	1982-09-29	GB2034226
FI61649	C	1982-09-10	FI--61649
RO79124	A	1982-06-25	RO--79124
FI61649	B	1982-05-31	FI--61649
CA1120005	A	1982-03-16	CA1120005
ES251782	Y	1981-11-01	ES-251782Y
ES251783	Y	1981-11-01	ES-251783Y
ES251782	U	1981-05-01	ES-251782U
ES251783	U	1981-05-01	ES-251783U
ES485385	A0	1981-04-16	ES-485385
ES8104027	A1	1981-04-16	ES8104027
EP0020536	A1	1981-01-07	EP--20536
BR7906929	A	1980-06-24	BR7906929
GB2034226	A	1980-06-04	GB2034226
PL219241	A1	1980-06-02	PL79219241D
FR2439639	A1	1980-05-23	FR2439639
WO80/00803	A1	1980-05-01	WO8000803
NL7907894	A	1980-04-29	NL7907894
NO793403	L	1980-04-29	NO-793403
DK445879	A	1980-04-27	DK7904458
FI793336	A	1980-04-27	FI7903336
SE7908702	L	1980-04-27	SE7908702
BE879623	A	1980-02-15	BE-879623
IT7984147	D0	1979-10-26	IT7984147

Abstract

(EP0020536)

A casing for isostatically pressed pieces, which are intended for the extrusion of metal articles, in particular stainless steel metal pipes. The outer and inner envelopes (302, 304) of the casing (301) are comprised of a thin metal sheet: the outer envelope (302) at least has, along the periphery thereof, resistance characteristic substantially uniform in the axial direction and it consists of, in particular, a spiral welded pipe and is provided, preferably, with a bulge directed outwardly, opposed to the narrowing. It is provided, at least at the front part of the casing an intermediary piece which is made of one or several parts; this piece is obtained from ductile material or from a material obtained by compression of a powder. It is also provided a method for producing such casings and pressed pieces and a method for the extrusion of pipes as well as pipes obtained by such method.

Inventors

ASLUND, CHRISTER

AKERMAN, AKE

ERIKSSON, HANS

FLODIN, BENNY

TORNBERG, CLAES

Latest standardized assignees - inventors removed

GRAENGES NYBY

Family 47/100 - FAMPAT - ©Questel

Title

(EP1706089)

Dermatologic soft gel compositions

Publication numbers with kind code & date

IN4352/DELNP/2006	A	2007-07-13	IN2006DN04352
JP2007518808	A	2007-07-12	JP2007518808
BRPI0506929	A	2007-06-12	BR200506929
MXPA06008241	A	2007-03-30	MX2006PA008241
CN1929825	A	2007-03-14	CN1929825
KR10-2006-0126555	A	2006-12-07	KR20060126555
EP1706089	A1	2006-10-04	EP1706089
SG124116	A1	2006-08-30	SG-124116
AU2005209224	A1	2005-08-11	AU2005209224
CA2554243	A1	2005-08-11	CA2554243
WO2005/072686	A1	2005-08-11	WO200572686
US20050158377	A1	2005-07-21	US20050158377

Abstract

(EP1706089)

Orally administrable softgels or soft gelatin capsules and fill compositions therefore for use in treating various dermatological conditions. These compositions are also particularly useful for treating children or patients of at least 55 years of age.

Inventors

POPP KARL F

Latest standardized assignees - inventors removed

STIEFEL LABORATORIES

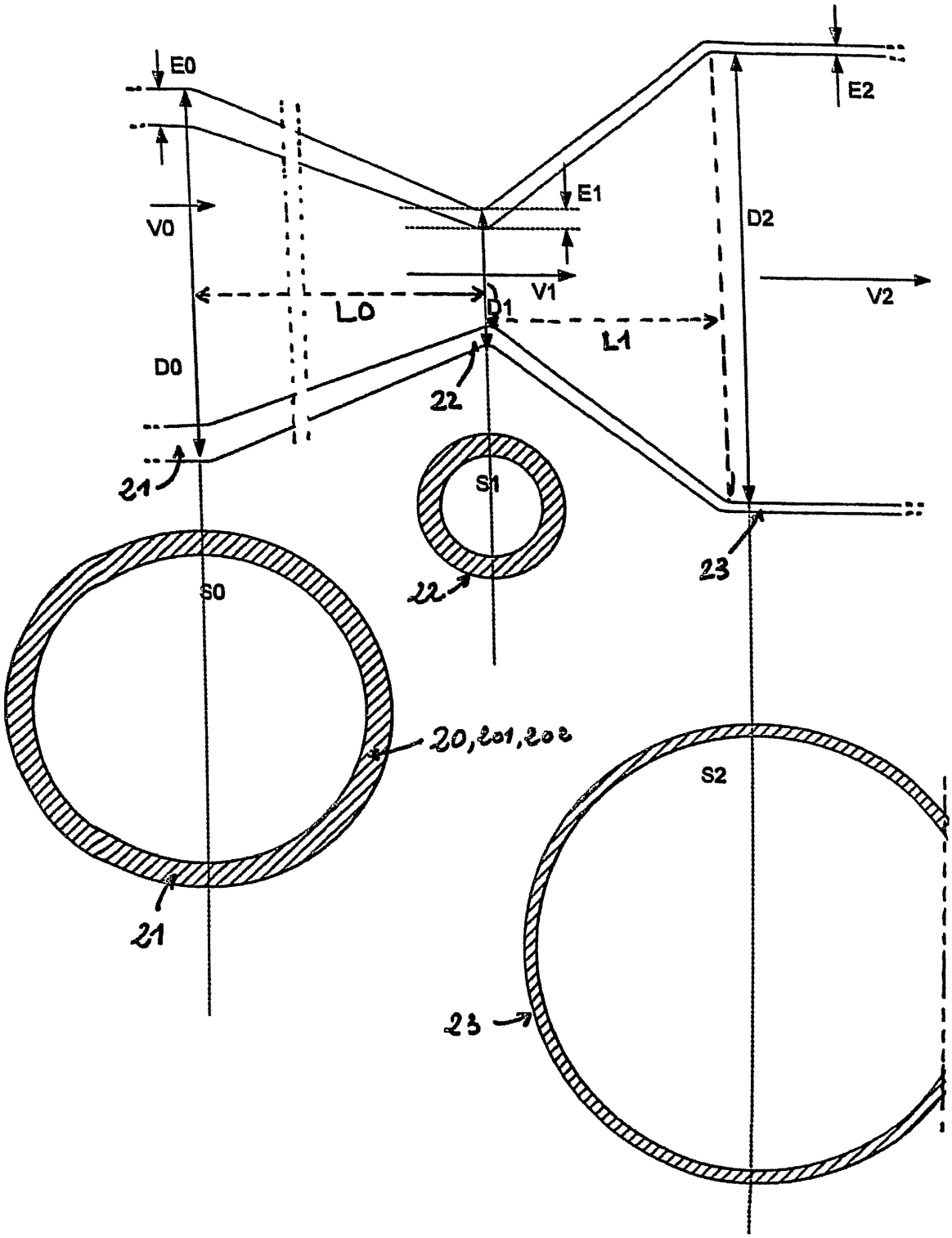
Family 48/100 - FAMPAT - ©Questel

Title

(EP1682331)

Method for the production of capsules with heat-shrinkable skirt

Images



Publication numbers with kind code & date

US8226867	B2	2012-07-24	US8226867
CA2545014	C	2012-05-15	CA2545014
AU2004289497	C1	2010-10-14	AU2004289497
NZ547298	A	2010-05-28	NZ-547298
AU2004289497	B2	2010-04-22	AU2004289497
ES2305889	T3	2008-11-01	ES2305889
PL1682331	T3	2008-10-31	PL1682331
SI1682331	T1	2008-10-31	SI1682331T
PT1682331	E	2008-08-08	PT1682331
DE602004013820	D1	2008-06-26	DE602004013820
AT395178	T	2008-05-15	ATE395178

EP1682331	B1	2008-05-14	EP1682331
ZA200603627	B	2007-10-31	ZA200603627
FR2862015	B1	2007-08-17	FR2862015
US20070131640	A1	2007-06-14	US20070131640
EP1682331	A1	2006-07-26	EP1682331
AU2004289497	A1	2005-05-26	AU2004289497
CA2545014	A1	2005-05-26	CA2545014
WO2005/046969	A1	2005-05-26	WO200546969
FR2862015	A1	2005-05-13	FR2862015

Abstract

(EP1682331)

The method comprises a) an extrusion stage wherein a extruded tube made of a thermoplastic material (20) is formed by extrusion with the aid of an extrusion die having a diameter D0, a slit width E0 and a section S0; b) a stage wherein the extruded tube (20) is radially expanded in order to form a radially expanded tube (23) having a diameter D2, a thickness E2 and corresponding section of area S1; c) a truncating stage wherein the expanded tube (23) is broken down into tube portions (24); d) a stage in which the tube portions (24) are formed in such a way that a heat-shrinkable cap or capsule is obtained (1) and in which an axial drawing stage is incorporated, between extrusion stage a) and expansion stage b), at the output of the extrusion die (31), in order to obtain an axially drawn tube (22) having a diameter D1 which is typically smaller than D0 and D2, and a thickness El which is typically lower than E0, such that S0/S1 typically ranges between 2 and 10. The advantages of the invention are as follows: it is possible to obtain capsules (1, lb, lc) or caps (la) which are economic, easily heat-shrinkable and which have a stable axial dimension, thereby avoiding any axial distortion, i.e. any axial distortion of said impression (13).

Inventors

GRANGER JACQUES

LUCIANI ANDRE

Latest standardized assignees - inventors removed

ALCAN PACKAGING CAPSULES

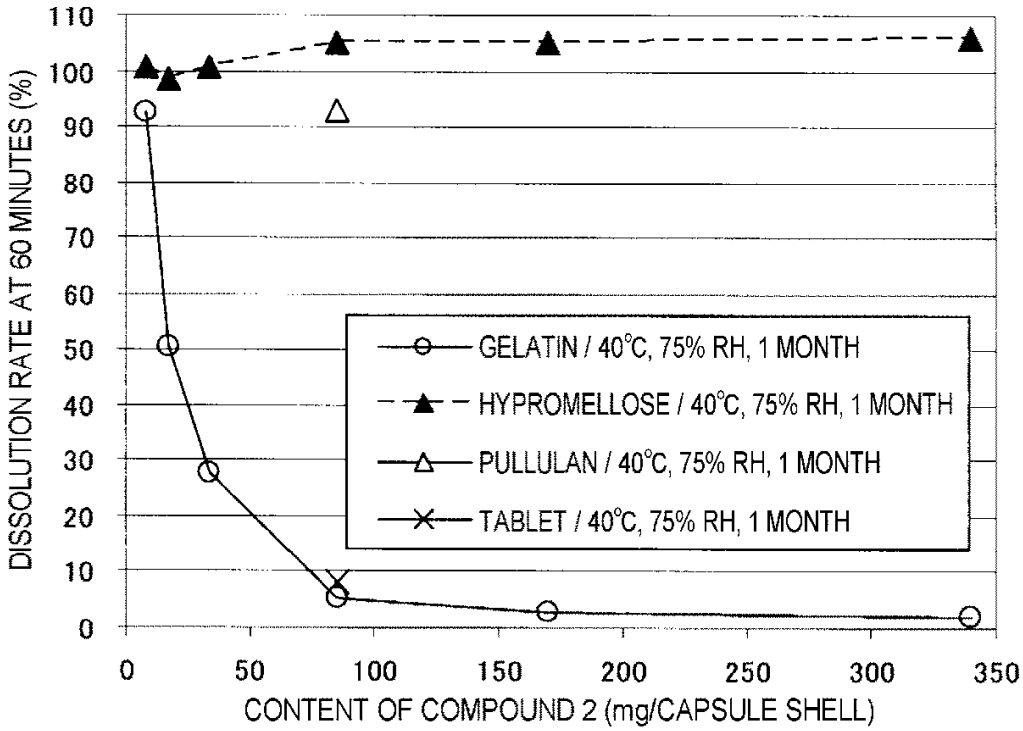
Family 49/100 - FAMPAT - ©Questel

Title

(EP2839835)

Encapsulated formulation

Images



Publication numbers with kind code & date

KR10-2044734	B1	2019-11-15	KR102044734
CA2869882	C	2019-09-10	CA2869882
US9981040	B2	2018-05-29	US9981040
RU2642934	C2	2018-01-29	RU2642934
CN104254334	B	2017-10-13	CN104254334B
JP6181044	B2	2017-08-16	JP6181044
SG11201406097S	B	2017-06-20	SG11201406097S
ES2616442	T3	2017-06-13	ES2616442
AU2013250251	B2	2017-05-11	AU2013250251
TWI574705	B	2017-03-21	TWI574705
EP2839835	B1	2016-12-21	EP2839835
TH155625	A	2016-09-06	TH-155625
IN7411/CHENP/2014	A	2016-07-01	IN2014CN07411
NZ700800	A	2016-06-24	NZ-700800
RU2014140343	A	2016-06-10	RU2014140343
HK1206989	A1	2016-01-22	HK1206989
EP2839835	A4	2015-12-02	EP2839835
US20150118299	A1	2015-04-30	US20150118299
EP2839835	A1	2015-02-25	EP2839835
CN104254334	A	2014-12-31	CN104254334
KR20140146096	A	2014-12-24	KR20140146096
PH12014502148	A1	2014-12-01	PH12014502148
PH12014502148	B1	2014-12-01	PH12014502148
SG11201406097S	A	2014-11-27	SG11201406097S
AU2013250251	A1	2014-10-23	AU2013250251
TW201402156	A	2014-01-16	TW201402156
CA2869882	A1	2013-10-24	CA2869882

JPWO2013157584	A1	2013-10-24	JP2013157584W
WO2013/157584	A1	2013-10-24	WO2013157584

Abstract

(EP2839835)

An object of the present invention is to provide a capsule formulation comprising a phosphonooxymethyl derivative of ravuconazole which suppresses delay in dissolution due to storage regardless of an encapsulated amount of the phosphonooxymethyl derivative of ravuconazole. The present invention provides a capsule formulation comprising an encapsulated material comprising {[(1 R ,2 R)-2-[4-(4-cyanophenyl)-1,3-thiazol-2-yl]-1-(2,4-difluorophenyl)-1-(1 H -1,2,4-tria zol-1-ylmethyl)propyl]oxy}methyl dihydrogen phosphate or a pharmacologically acceptable salt thereof, or a solvate of any of the foregoing, and a capsule shell not comprising gelatin.

Inventors

UEKI YOSUKE

Latest standardized assignees - inventors removed

EISAI R & D MANAGEMENT

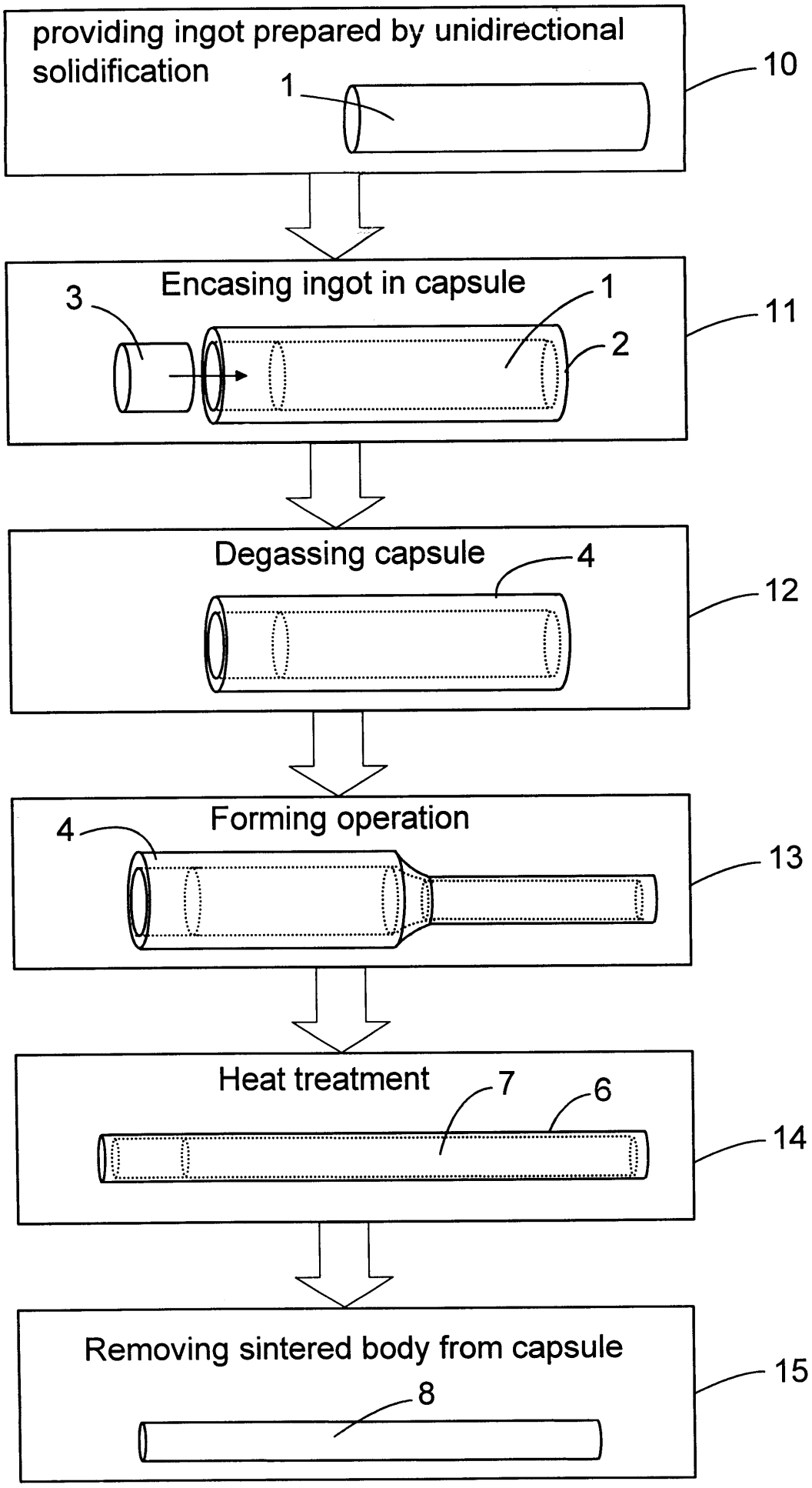
Family 50/100 - FAMPAT - ©Questel

Title

(US6278050)

Method of producing sintered body of material for thermoelectric element

Images



Publication numbers with kind code & date

DE10030887	B4	2007-12-13	DE10030887
JP3888035	B2	2007-02-28	JP3888035
KR10-0478391	B1	2005-03-23	KR100478391
CN1156921	C	2004-07-07	CN1156921C
RU2177190	C1	2001-12-20	RU2177190
US6278050	B1	2001-08-21	US6278050
DE10030887	A1	2001-03-22	DE10030887
JP2001068747	A	2001-03-16	JP2001068747
KR2001-0007507	A	2001-01-26	KR20010007507
CN1281264	A	2001-01-24	CN1281264

Abstract

(US6278050)

A sintered body of a material for thermoelectric element having excellent thermoelectric performance and mechanical strength can be produced by the following method. A block of the material for thermoelectric element is provided. The block has an electric-current passing direction, in which electricity is supplied to obtain a desired thermoelectric performance of the thermoelectric element. The block is encased in an elongate capsule such that the electric-current passing direction of the block is substantially agreement with an axial direction of the capsule. After degassing the capsule, a forming operation for reducing a cross section perpendicular to the axial direction of the capsule is performed to obtain a formed capsule having a green compact of the block crushed by the forming operation therein. A heat treatment is then performed to sinter the green compact in the formed capsule. Finally, the resultant sintered body is removed from the formed capsule. This method is preferably used to manufacture a thermoelectric module that is a temperature control device using the Peltier effect.

Inventors

URANO YOJI
KAMADA KAZUO
YOSHIOKA HIROKAZU
KOBAYASHI KENTARO

Latest standardized assignees - inventors removed

PANASONIC ELECTRIC WORKS

Family 51/100 - FAMPAT - ©Questel

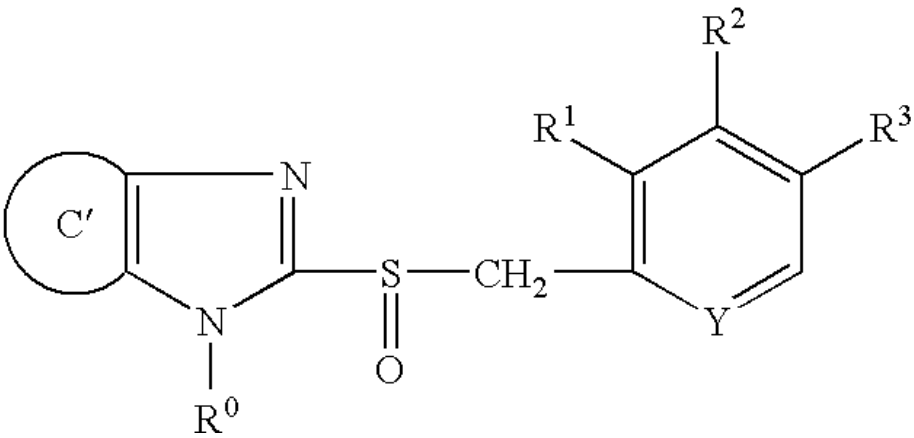
Title

(EP1553929)

Controlled release preparation

Images

(I′)



Publication numbers with kind code & date

BR122016030094	B1	2020-06-23	BR122016030094
EP2283827	B1	2019-10-02	EP2283827

EP2277510	B1	2018-12-26	EP2277510
NO343175	B1	2018-11-26	NO-343175
NO342002	B1	2018-03-12	NO-342002
BR0315142	B1	2018-01-09	BR200315142
ES2410812	T5	2017-05-12	ES2410812
AR103296	A2	2017-05-03	AR-103296
EP1553929	B2	2016-11-16	EP1553929
CY1114599	T1	2016-10-05	CY1114599
US20160128945	A1	2016-05-12	US20160128945
MX337937	B	2016-03-29	MX-337937
IL167447	B	2015-07-30	IL-167447
JP5746722	B2	2015-07-08	JP5746722
PL219122	B1	2015-03-31	PL-219122
PL218177	B1	2014-10-31	PL-218177
US8784885	B2	2014-07-22	US8784885
US20140186448	A1	2014-07-03	US20140186448
US20140186449	A1	2014-07-03	US20140186449
KR10-1401913	B1	2014-05-30	KR101401913
US8722084	B2	2014-05-13	US8722084
VN0012511	B	2014-04-25	VN--12511B
JP5330967	B2	2013-10-30	JP5330967
CN101884629	B	2013-08-21	CN101884629B
JP2013155181	A	2013-08-15	JP2013155181
SI1553929	T1	2013-07-31	SI1553929T
ES2410812	T3	2013-07-03	ES2410812
MY148805	A	2013-05-31	MY-148805
DK1553929	T3	2013-05-13	DK1553929T
CA2737851	C	2013-04-30	CA2737851
PT1553929	E	2013-04-23	PT1553929
EP1553929	B1	2013-03-27	EP1553929
TWI378794	B	2012-12-11	TWI378794
CL2012000406	A1	2012-09-28	CL201200406
CN1713897	B	2012-07-04	CN1713897B
KR10-2012-0034809	A	2012-04-12	KR20120034809
EP2277510	A3	2012-02-01	EP2277510
AU2009243408	B2	2012-01-19	AU2009243408
SG164281	B	2011-11-15	SG-164281
VN0009519	B	2011-09-27	VN---9519B
KR10-1061750	B1	2011-09-02	KR101061750
PE20110544	A1	2011-08-25	PE054402011
CR20110373	A	2011-08-24	CR201100373
TWI347202	B	2011-08-21	TWI347202
TW201125563	A	2011-08-01	TW201125563
CA2499574	C	2011-07-05	CA2499574
EP2283827	A1	2011-02-16	EP2283827
EP2277510	A2	2011-01-26	EP2277510
KR10-2010-0132082	A	2010-12-16	KR20100132082
CN101884629	A	2010-11-17	CN101884629
US20100285120	A1	2010-11-11	US20100285120
US20100278911	A1	2010-11-04	US20100278911
US20100272798	A1	2010-10-28	US20100272798
SG164281	A1	2010-09-29	SG-164281

US7790755	B2	2010-09-07	US7790755
JP4493970	B2	2010-06-30	JP4493970
JP2010077144	A	2010-04-08	JP2010077144
AU2009243408	A1	2009-12-17	AU2009243408
AU2003272098	B2	2009-12-10	AU2003272098
IL195791	A	2009-02-11	IL-195791
CR10284	A	2008-10-17	CR--10284
IN223061	B	2008-09-05	IN-223061
VN15651	A	2007-10-25	VN--15651
NZ539353	A	2007-07-27	NZ-539353
NZ552592	A	2007-06-29	NZ-552592
SG111677	B	2007-05-30	SG-111677
OA13143	A	2006-12-13	OA--13143
ZA200502318	B	2006-11-29	ZA200502318
IN0604/KOLNP/2005	A	2006-06-16	IN2005KN00604
HK1080378	A1	2006-04-28	HK1080378
IL167447	A	2006-02-05	IL-167447
US20060013868	A1	2006-01-19	US20060013868
CN1713897	A	2005-12-28	CN1713897
PL376222	A1	2005-12-27	PL2003376222
BR0315142	A	2005-08-09	BR200315142
EP1553929	A2	2005-07-20	EP1553929
KR10-2005-0072108	A	2005-07-08	KR20050072108
MA27456	A1	2005-07-01	MA--27456
SG111677	A1	2005-06-29	SG-111677
MXPA05003902	A	2005-06-22	MX2005PA003902
CR7761	A	2005-06-09	CR---7761
AR041562	A1	2005-05-18	AR--41562
NO20052400	L	2005-05-13	NO20052400
NO20180072	A1	2005-05-13	NO20180072
TW200502006	A	2005-01-16	TW200502006
JP2004292427	A	2004-10-21	JP2004292427
WO2004/035020	A3	2004-06-24	WO200435020
AU2003272098	A1	2004-05-04	AU2003272098
CA2499574	A1	2004-04-29	CA2499574
CA2737851	A1	2004-04-29	CA2737851
WO2004/035020	A2	2004-04-29	WO200435020

Abstract

(EP1553929)

A controlled release preparation wherein the release of active ingredient is controlled, which releases an active ingredient for an extended period of time by staying or slowly migrating in the gastrointestinal tract, is provided by means such as capsulating a tablet, granule or fine granule wherein the release of active ingredient is controlled and a gel-forming polymer. Said tablet, granule or fine granule has a release-controlled coating-layer formed on a core particle containing an active ingredient.

Inventors

AKIYAMA YOHKO

KURASAWA TAKASHI

BANDO HIROTO

NAGAHARA NAOKI

Latest standardized assignees - inventors removed

TAKEDA PHARMACEUTICAL

Family 52/100 - FAMPAT - ©Questel

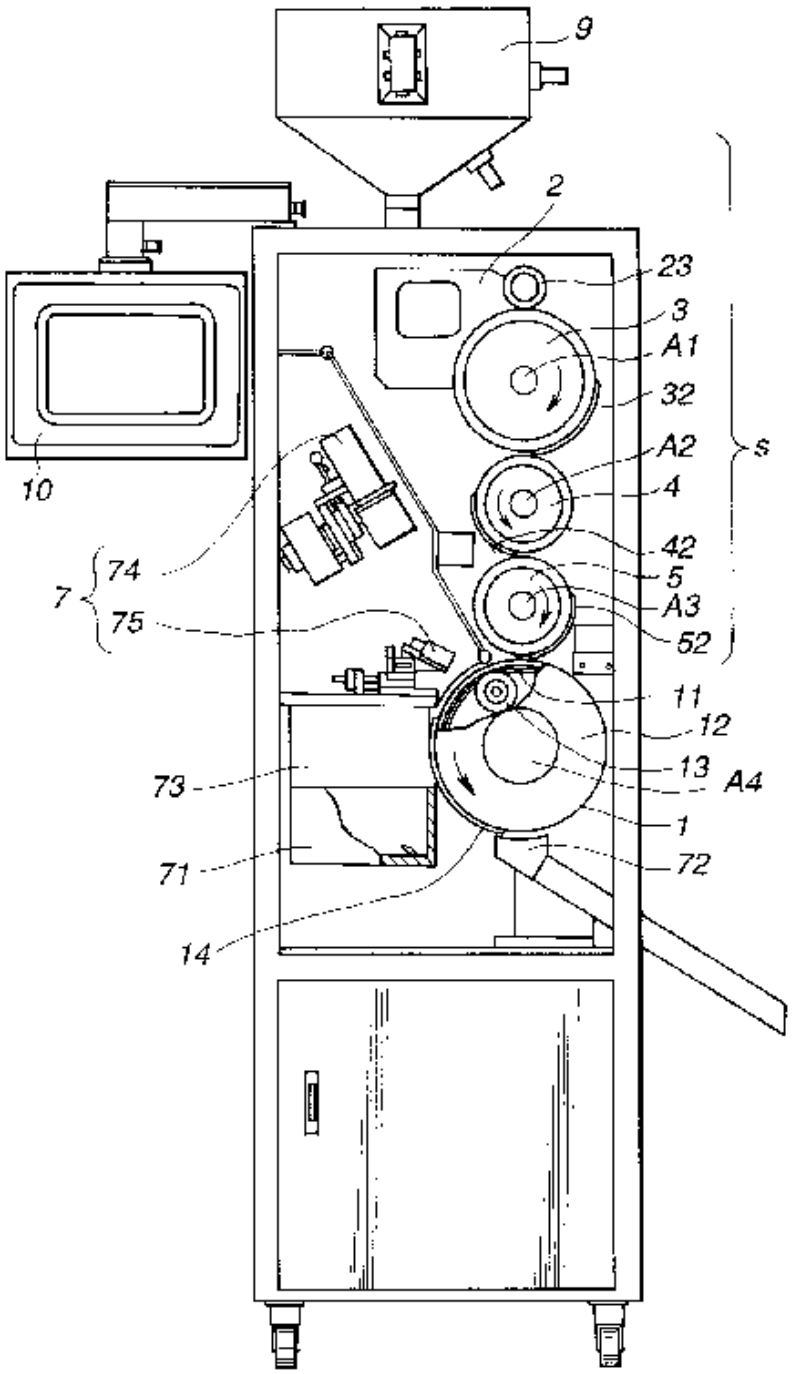
Title

(EP-859227)

Inspection device for capsule appearance

Images

FIG.1



Publication numbers with kind code & date

KR10-0542477	B1	2006-03-23	KR100542477
DE69826158	T2	2006-03-02	DE69826158
JP3687710	B2	2005-08-24	JP3687710
ES2229447	T3	2005-04-16	ES2229447
DE69826158	D1	2004-10-21	DE69826158

EP0859227	B1	2004-09-15	EP-859227
US6108030	A	2000-08-22	US6108030
EP0859227	A3	1999-02-17	EP-859227
TW350911	B	1999-01-21	TW-350911
JP10288583	A	1998-10-27	JP10288583
KR1998-071418	A	1998-10-26	KR19980071418
EP0859227	A2	1998-08-19	EP-859227

Abstract

(EP0859227)

Disclosed is an appearance inspecting device for a solid formulation, including a supply section for continuously supplying solid formulations such as capsules; an inspecting drum for holding on its outer peripheral portion the solid formulations supplied from the supply section, carrying the solid formulations in such a manner as to allow the solid formulations to be intermittently revolved, and allowing the solid formulations to be rotated on their axes at a specific carrying position; an image pickup device for photographing surfaces of the solid formulations being thus rotated on their axes; a quality determining section for processing images of the solid formulations thus picked up from the image pickup device and determining whether the solid formulations are nondefective or defective; and a classifying section for classifying the solid formulations into defective and nondefective solid formulations on the result determined by the quality determining section and recovering the defective and nondefective capsules. The inspecting device is capable of achieving a high inspection accuracy being sufficiently satisfied in terms of practical use, and also of performing length inspection for a solid formulation. <IMAGE>

Inventors

YAMAMOTO TAIZO

YAGYU MOTOHIRO

Latest standardized assignees - inventors removed

SHIONOGI QUALICAPS

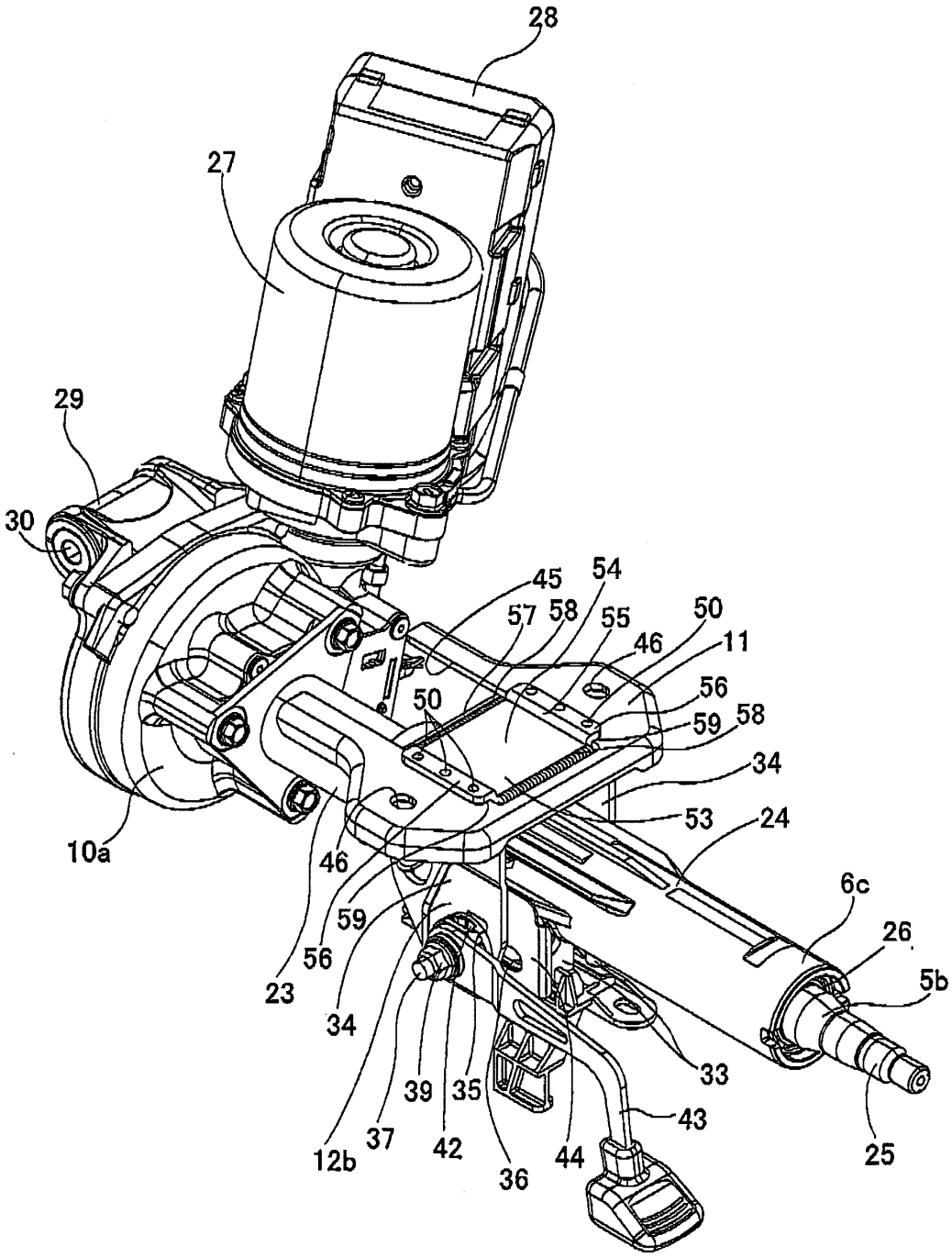
Family 53/100 - FAMPAT - ©Questel

Title

(EP2641812)

Support device for steering column

Images



Publication numbers with kind code & date

EP2641812	B1	2016-01-20	EP2641812
CN102958781	B	2015-04-08	CN102958781B
EP2641812	A4	2014-04-23	EP2641812
JP5375806	B2	2013-12-25	JP5375806
JP5375870	B2	2013-12-25	JP5375870
EP2641812	A1	2013-09-25	EP2641812
US8523228	B2	2013-09-03	US8523228
CN102958781	A	2013-03-06	CN102958781
JP2012121543	A	2012-06-28	JP2012121543
JP2012116205	A	2012-06-21	JP2012116205
US20120144951	A1	2012-06-14	US20120144951

WO2012/066900 A1 2012-05-24 WO201266900

Abstract

(EP2641812)

Provided is construction of a steering column support apparatus that simplifies tuning for stabilizing the forward displacement of the steering wheel during a secondary collision, makes the apparatus more compact and low cost, and lowers and stabilizes the break away load. A bracket 12b on the column and a locking capsule 53 that are both made of metal plate are connected and fastened together by welding. A pair of left and right eave sections 56 are formed on both the left and right end sections of the locking capsule 53 by way of raised sections 55. The portion of the metal plate of a bracket 11 on the vehicle side on both sides of a locking hole 45 fits between the bottom surfaces of the eave sections 56 and the top surface of the bracket 12b on the column side so as to be able to break away during a secondary collision.

Inventors

MINAMIGATA TAKAHIRO
UMEDA MINAO
TATEWAKI OSAMU
SADAKATA KIYOSHI
SEGAWA TORU
FUJIWARA TAKESHI
NISHIMURA NOBUYUKI

Latest standardized assignees - inventors removed

NSK - NIPPON SEIKO

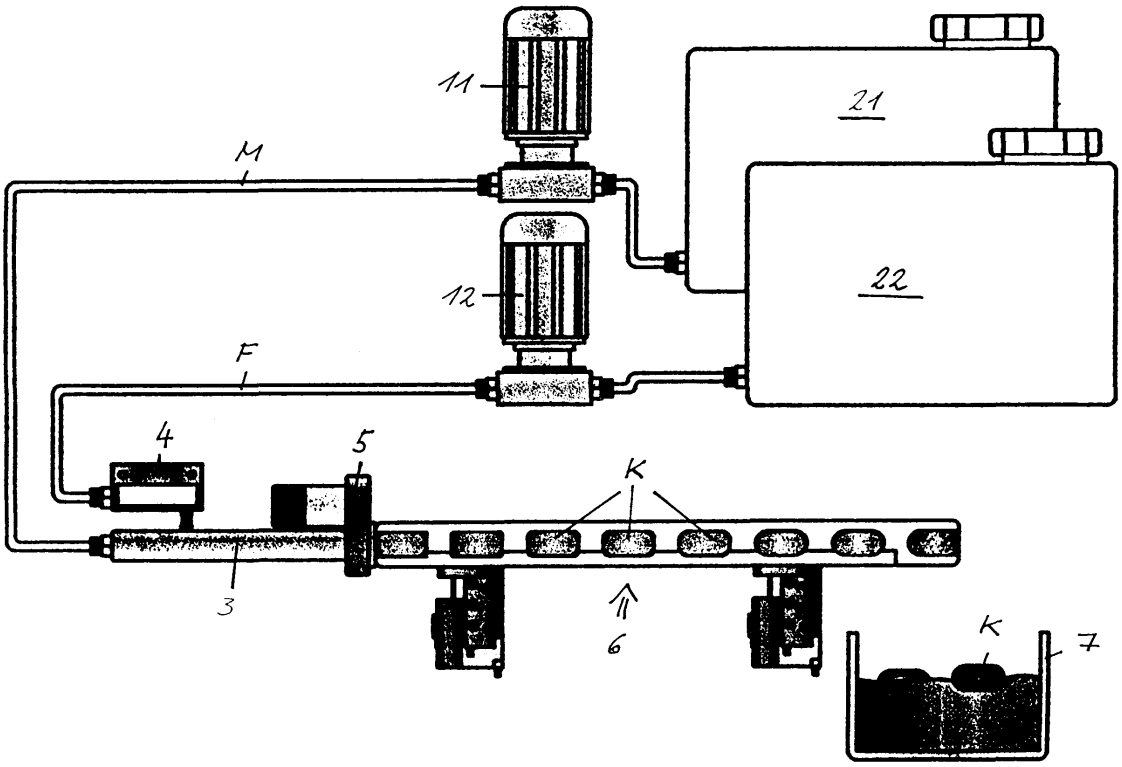
Family 54/100 - FAMPAT - ©Questel

Title

(EP1066013)

Method for producing gelatin capsules

Images



Publication numbers with kind code & date

JP2002524204 A 2002-08-06 JP2002524204

KR2001-0024647	A	2001-03-26	KR20010024647
DE19856381	C2	2001-02-08	DE19856381
EP1066013	A1	2001-01-10	EP1066013
DE19856381	A1	2000-05-31	DE19856381
WO00/15173	A1	2000-03-23	WO200015173

Abstract

(EP1066013)

The invention relates to a method for producing capsules whose shell material consists of soft gelatin, starch or such like and which are filled with at least one filling material, such as an active ingredient and/or flavouring agent. According to the invention the filling material is introduced into the shell material, after which the capsules filled with filling material are produced. The invention also relates to a device for carrying out this method. Said method is characterized in that, for example, the shell material is delivered in the form of a strand whose outer contours correspond to the maximum cross-section of the capsule to be produced, and in that to separate the capsules filled with filling material from the strand filled with filling material, a separating-valve unit is used which has a channel which is designed for the strand and can be opened and closed in a controlled manner.

Inventors

VOSS GUNTER MEINHARDT

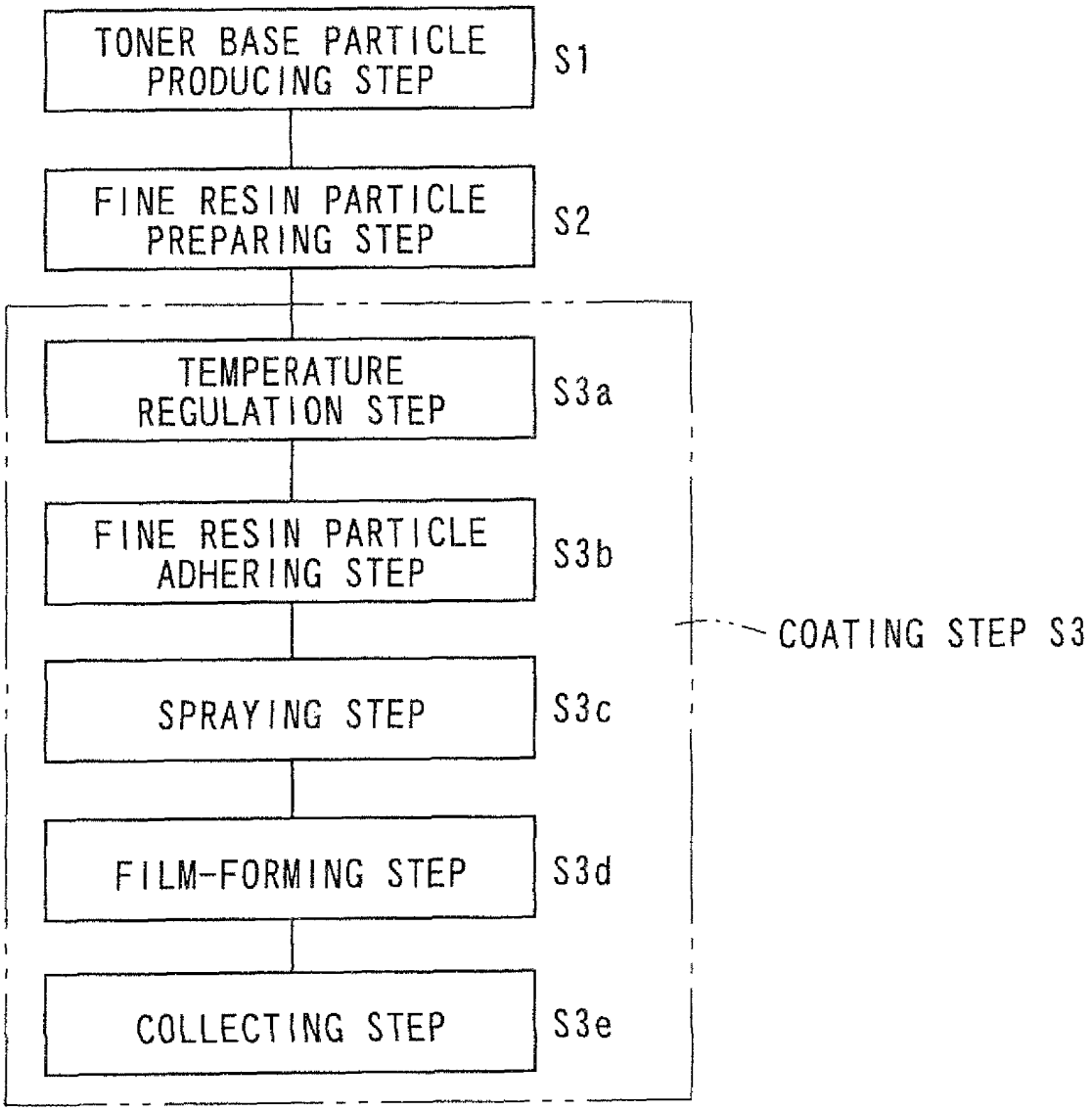
Family 55/100 - FAMPAT - ©Questel

Title

(US8431305)

Capsule toner, two-component developer, and image forming apparatus

Images



Publication numbers with kind code & date

US8431305	B2	2013-04-30	US8431305
JP4812845	B2	2011-11-09	JP4812845
JP2010191116	A	2010-09-02	JP2010191116
US20100209145	A1	2010-08-19	US20100209145
CN101807021	A	2010-08-18	CN101807021

Abstract

(US20100209145)

A capsule toner capable of enhancing low temperature fixation property without impairing preservation property under a high temperature environment, a two-component developer, and an image forming apparatus are provided. The capsule toner is constituted of toner particles having toner base particles and a coating layer for coating the surface thereof. The toner base particle includes styrene-acrylic resin or polyester resin as a binder resin, and the coating layer includes styrene-acrylic resin or polyester resin. The capsule toner contains 0.05% by weight or more and 0.70% by weight or less of volatile plasticizer based on a total amount of the capsule toner.

Inventors

KIKAWA KEIICHI
AKAZAWA YOSHIAKI
KAWASE YOSHITAKA
TSUBAKI YORITAKA
MUTOH YOSHINORI

HARA TAKASHI

Latest standardized assignees - inventors removed

SHARP

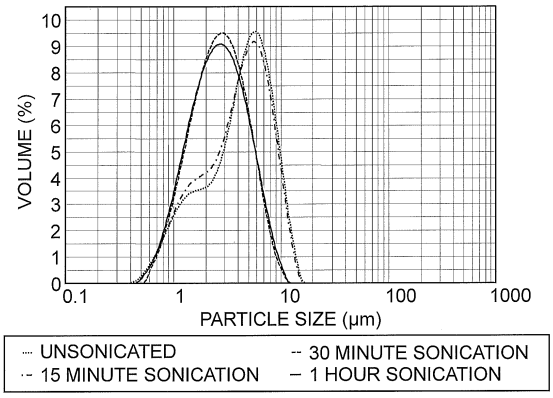
Family 56/100 - FAMPAT - ©Questel

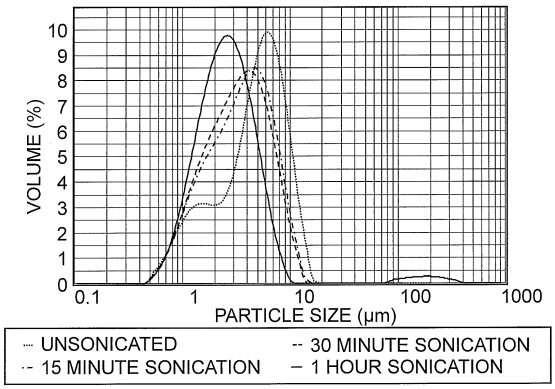
Title

(EP3444026)

Microcapsules produced from blended sol-gel precursors and method for producing the same

Images





Publication numbers with kind code & date

ES2790417	T3	2020-10-27	ES2790417
BR102012006009	B1	2020-09-24	BR102012006009
EP2865423	B1	2020-03-04	EP2865423
MX369325	B	2019-11-05	MX-369325
US20190076811	A1	2019-03-14	US20190076811
EP3444026	A1	2019-02-20	EP3444026
MX361936	B	2018-12-19	MX-361936
US10099194	B2	2018-10-16	US10099194
EP2500087	B1	2018-10-10	EP2500087
CN104546518	B	2018-09-21	CN104546518B
CN108465446	A	2018-08-31	CN108465446
MX357445	B	2018-07-09	MX-357445
ES2658226	T3	2018-03-08	ES2658226
EP2862597	B1	2018-01-03	EP2862597
EP2865423	A3	2015-10-28	EP2865423
MX2014012659	A	2015-06-25	MX2014012659
MX2014012660	A	2015-06-25	MX2014012660
EP2500087	A3	2015-06-10	EP2500087
CN104546518	A	2015-04-29	CN104546518
CN104560398	A	2015-04-29	CN104560398
EP2865423	A2	2015-04-29	EP2865423
EP2862597	A1	2015-04-22	EP2862597
BR102012006009	A2	2013-07-02	BR102012006009
IN0980/CHE/2012	A	2013-06-21	IN2012CH00980
MX2012003321	A	2013-03-21	MX2012003321
BR102012006009	A1	2013-01-08	BR102012006009
CN102755868	A	2012-10-31	CN102755868
US20120237578	A1	2012-09-20	US20120237578
EP2500087	A2	2012-09-19	EP2500087

Abstract

(EP3444026)

The present invention features microcapsule particle compositions with an oil or aqueous liquid core, and shell composed of a blend of metal or semi-metal oxide polymers. Methods for preparing and using the microcapsule particles in personal care, therapeutic, cosmetic and cosmeceutic products are also provided.

Inventors

LEI YABIN

POPPLEWELL LEWIS MICHAEL

HUANG XIAO

Latest standardized assignees - inventors removed

INTERNATIONAL FLAVORS & FRAGRANCES

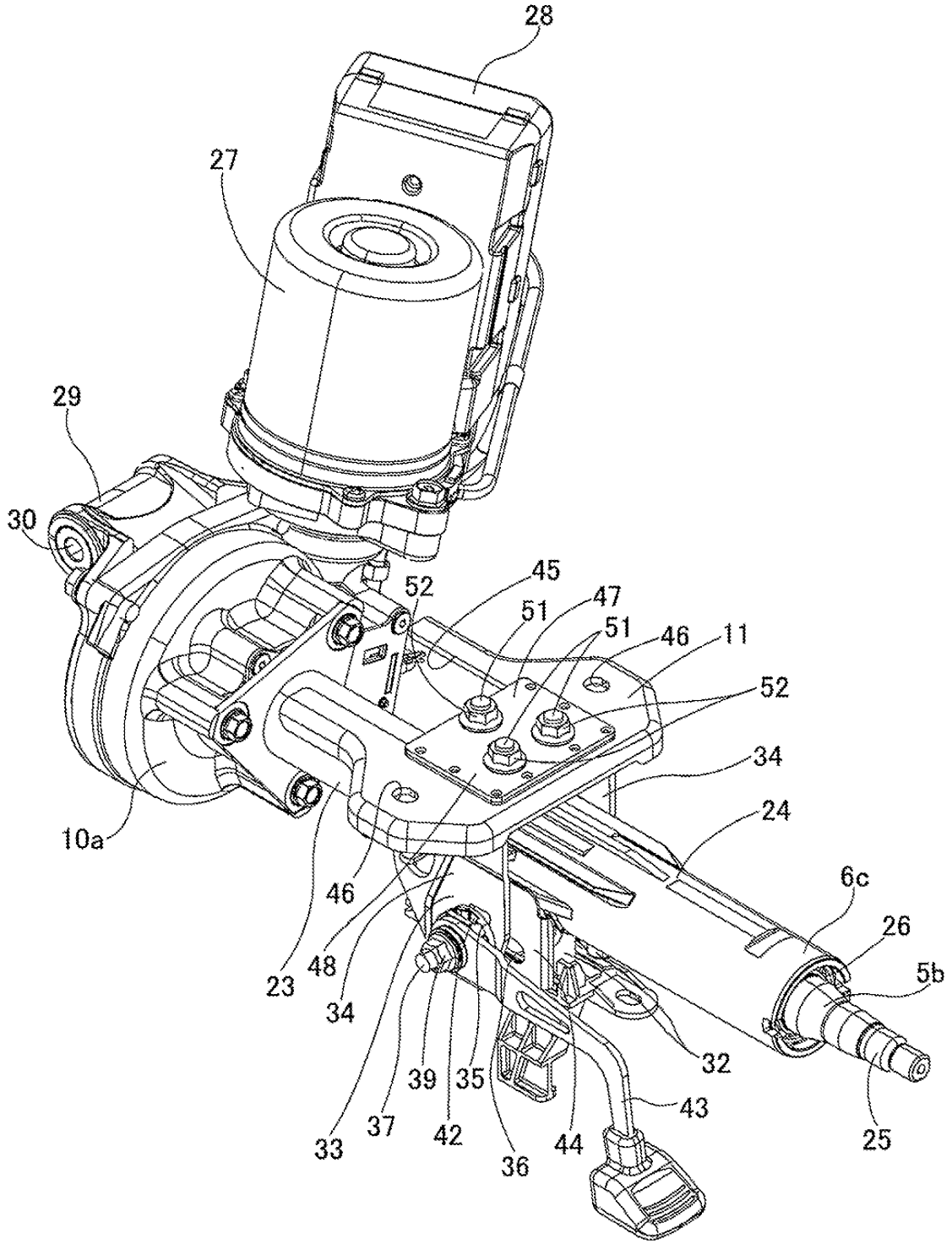
Family 57/100 - FAMPAT - ©Questel

Title

(EP2664517)

Steering column support device and assembly method of same

Images



Publication numbers with kind code & date

EP2664517	B1	2017-11-22	EP2664517
EP2664517	A4	2015-10-07	EP2664517
CN102596688	B	2014-03-12	CN102596688B
EP2664517	A1	2013-11-20	EP2664517
US8585089	B2	2013-11-19	US8585089
JP5327186	B2	2013-10-30	JP5327186
JP5327188	B2	2013-10-30	JP5327188
JP5327189	B2	2013-10-30	JP5327189
US20120291585	A1	2012-11-22	US20120291585
CN102596688	A	2012-07-18	CN102596688
JP2012091567	A	2012-05-17	JP2012091567
JP2012091615	A	2012-05-17	JP2012091615

JP2012091615	A	2012-05-17	JP2012091615
JP2012086812	A	2012-05-10	JP2012086812
WO2012/053319	A1	2012-04-26	WO201253319

Abstract

(EP2664517)

An assembly method for a steering column support apparatus is achieved that simplifies tuning for stabilizing forward displacement of a steering wheel during a secondary collision, eliminates space in the engagement section between a bracket 11 on the vehicle side and a locking capsule 47a, and suppresses rocking displacement of the steering column due to that space. Of a plurality of small through holes 49a, 49b on the capsule side and a plurality of small notch sections 55a, 55b, part of the small through holes 49a and the small notch sections 55a are aligned, and pin shaped members 58 are formed so as to span these small through holes and small notch sections. After that, the locking capsule 47a and bracket 11 on the vehicle side are put into the final assembled position, shearing the pin shaped members 58 in the process. The remaining small though holes 49b, the remaining small notch sections 55b and small through holes 54 are aligned, and locking pins 50, 50a that shear during a secondary collision are formed so as to span these holes.

Inventors

MINAMIGATA TAKAHIRO
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FUJIWARA TAKESHI
TATEWAKI OSAMU
SADAKATA KIYOSHI

Latest standardized assignees - inventors removed

NSK - NIPPON SEIKO

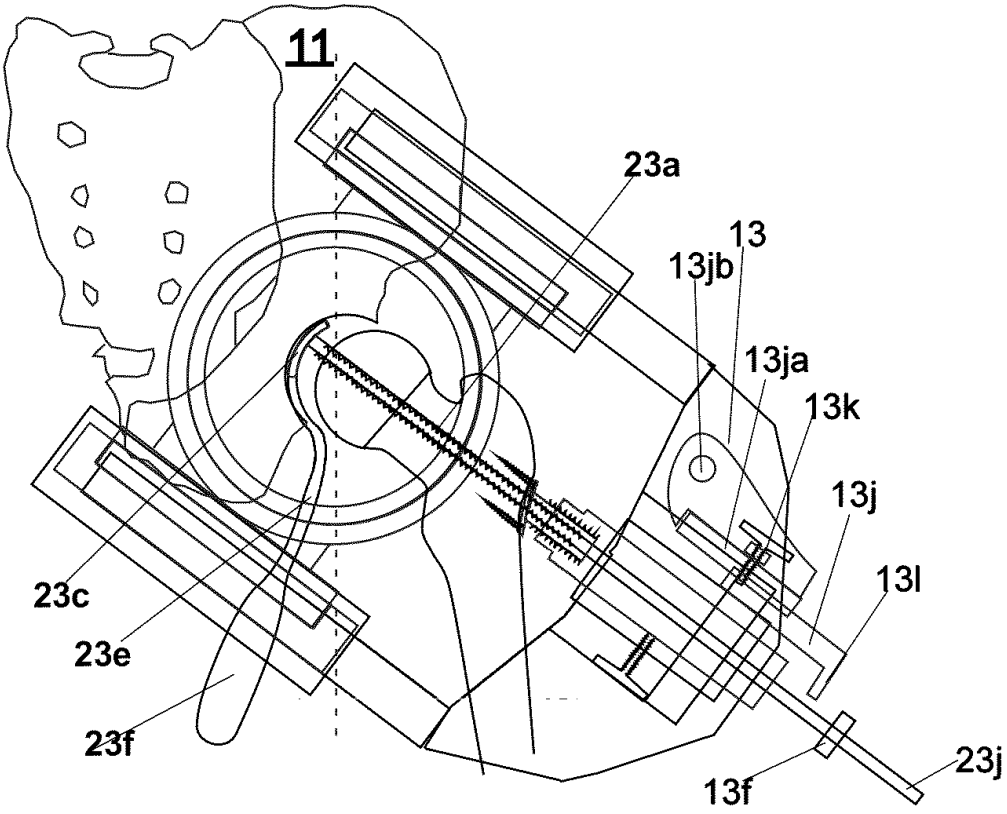
Family 58/100 - FAMPAT - ©Questel

Title

(EP2217178)

System for the implantation of shoulder and hip endoprostheses

Images



Publication numbers with kind code & date

US20100298834	A1	2010-11-25	US20100298834
DE112008003691	A5	2010-10-28	DE112008003691
EP2217178	A2	2010-08-18	EP2217178
WO2009/068011	A9	2009-09-11	WO200968011
DE102008053566	A1	2009-06-04	DE102008053566
WO2009/068011	A2	2009-06-04	WO200968011

Abstract

(EP2217178)

The tools and endoprostheses according to the invention make it possible to devise a method in which the previously inevitable damage to soft parts and bone loss can be significantly reduced and the prostheses are better anchored. A pelvis fixture (h) and a control device ensure an angularly accurate bore (a) through the proximal thigh and the femoral head or the upper arm and the humeral head. Said parts have to be extended from the socket by only 2.7 cm by means of an extension rail (e) (in the hip, this is done in the bent position of the hip joint). A pre-stretching device ensures that the joint capsule has the necessary resilience. A narrow soft part access (i) is thus sufficient for introducing milling cutters and prostheses (f) into the joint with the help of tongs. The drive shafts (a) of the milling cutters (b, c) and the pressing rod of the socket shell and the head prosthesis are guided through the aforementioned bore at the accurate angle, and the socket shell and the head prosthesis are pressed in in a press-fitting process and are fixed under tension by means of a fixing rod (d) and an opposite plate (g) if required. The devices for said method are suitable for the disclosed surface replacement and full head prostheses (short-shaft curved prosthesis, bar plate prosthesis) on the hip and shoulder and for improving the femoral head offset.

Inventors

HILDEBRANDT BERNHARD

Latest standardized assignees - inventors removed

HILDEBRANDT BERNHARD

Title

(EP1580229)

Biopolymer compositons and products thereof

Publication numbers with kind code & date

JP2007530726	A	2007-11-01	JP2007530726
BRPI0509039	A	2007-08-07	BR200509039
IN4690/DELNP/2006	A	2007-07-13	IN2006DN04690
US20070087939	A1	2007-04-19	US20070087939
CN1934181	A	2007-03-21	CN1934181
EA200601535	A1	2007-02-27	EA200601535
KR20070002023	A	2007-01-04	KR20070002023
EP1735377	A1	2006-12-27	EP1735377
AU2005225634	A1	2005-10-06	AU2005225634
CA2559735	A1	2005-10-06	CA2559735
WO2005/092968	A1	2005-10-06	WO200592968
EP1580229	A1	2005-09-28	EP1580229

Abstract

(EP1580229)

This invention relates to biopolymer-based compositions and biopolymer-based formed bodies such as film, sheet, capsule, casing or coating-film or spray thereof. In another embodiment, the invention relates to a process for producing a biopolymer-based starting material and biopolymer-based formed bodies such as cited above, for the manufacture of pharmaceutical, veterinary, food or cosmetic products.

Inventors

SCOTT ROBERT

CADE DOMINIQUE

TARDY CLAIRE

MIRALLES MARIE-CHRISTINE

Latest standardized assignees - inventors removed

PFIZER

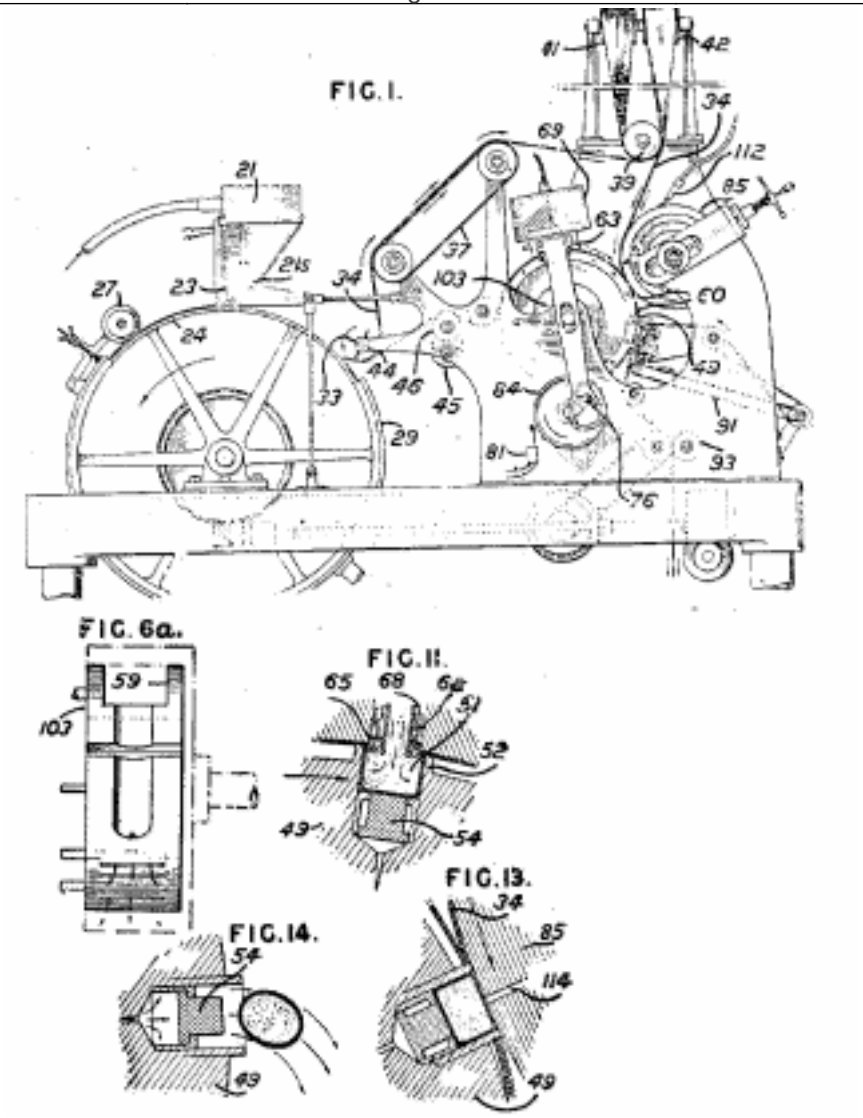
Family 60/100 - FAMPAT - ©Questel

Title

(GB-674172)

Improvements in or relating to method and machine for making capsules

Images



Publication numbers with kind code & date

GB674172	A	1952-06-18	GB-674172

Abstract

(GB674172)

674,172. Machines for forming capsules. AMERICAN CYANAMID CO. March 14, 1949 [March 23, 1948], No. 6905/49. Class 87(ii). The doctor blade may comprise two independentlyadjustable portions so that two films of different thicknesses may be cast. The two films are separated by a rotary knife 27 and pass under a shield 29 where they are partially dried by a current of dry air. The strips are removed from the roller by a rapidly rotating paddle 33. The strip 34 passes over belt 37 or a set of rollers made of polytetrafluoroethylene or of sintered metals which are fed with oil to prevent sticking of the strip. It then passes over rollers 39, 41. 42 which reverse the strip and bring it into the same frontal plane as the lower strip 44. The lower strip 44 is fed over an oiling roller 46. Filled gelatine capsules are made in an asymmetric die system from two strips of gelatine, one of said strips being at a higher temperature than the other so that the capsules assume a symmetric shape on ejection from the dies. Molten gelatine is fed under a doctor blade 23 on to a smooth roller 24 from a thermostatically-controlled hopper 21 which rides on the casting roller by means of shoes or rollers 21s to the cavity-die roll 49. The roll 46 may be to the cavity-die roll 49. The roll 46 may be oiled by means of a rotating brush 45 or may be made of sintered brass through which the oil may be fed. The cavity die roll 49 is provided with rows of dies 51, Fig. 11, of circular elliptical, square or other cross-section each having an upstanding cutting rim 52 and a loosely fitting ejector 54. During the initial part of the filling cycle the dies communicate with a suction chest 59 in a stator 103 around which the die roll revolves, and a portion of the film is drawn into the cavity. The filling is effected from a filling hopper 69 which moves forward, positioned by pins 60, with the die roll for a short distance and is then lifted, shifted backwards and finally positioned in the next pair of pins 60 by a pin-and-slot mechanism 76. During the forward movement a number of filling heads 62 on the underside of the hopper 69 enter the dies 51 and a charge of powder is drawn into the die by a vacuum

momentarily applied through passages 68 communicating with a vacuum chest 63 in the hopper 69. The vacuum is applied in a series of short bursts controlled by a microswitch 81 actuated by projections on the wheel 84. An annular plug 65 of foraminous material prevents powder from entering the passages 68. After filling, the capsule is sealed by means of the sealing strip 34, Fig. 13, which passes around an adjustable sealing roller 85. This roll may have vacuum passages 114, similar to those in the die roll 49, which help to position the strip 34. The roll may be oiled by an oiler 112. On further rotation of the die roll, compressed air is supplied to the dies from a compressed air chest in the stator 103, the ejectors 54, Fig. 14, are raised and the finished capsule ejected. Two rotary brushes revolving at high speed throw the eapsules on to a delivery conveyer 91 and the remainder of the webs is removed by rollers 93. The temperatures of the sealing and die rolls are controlled thermostatically. The position of the seal on the symmetrical capsule may be varied by differential stretching of the two films.

Latest standardized assignees - inventors removed

AMERICAN CYANAMID

Family 61/100 - FAMPAT - ©Questel

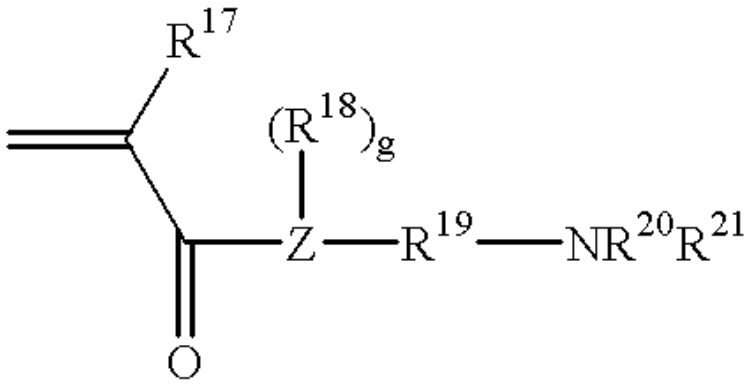
Title

(EP1138322)

Capsules comprising polymers of vinylesters and polyethers, their use and their preparation

Images

(III)



Publication numbers with kind code & date

ES2223665	T3	2005-03-01	ES2223665
CN1176956	C	2004-11-24	CN1176956C
US6783770	B2	2004-08-31	US6783770
DE50102650	D1	2004-07-29	DE50102650
AT269696	T	2004-07-15	ATE269696
EP1138322	B1	2004-06-23	EP1138322
EP1138322	A3	2002-10-23	EP1138322
JP2001327854	A	2001-11-27	JP2001327854
US20010036471	A1	2001-11-01	US20010036471
CN1319615	A	2001-10-31	CN1319615
DE10015468	A1	2001-10-11	DE10015468
EP1138322	A2	2001-10-04	EP1138322

Abstract

(EP1138322)

Hard capsules contain: (A) polymer obtained by radical polymerization of at least one 1-24C carboxylic acid vinyl ester (a) in presence of a polyether compound (b) and optionally comonomer(s) (c), followed by at least partial saponification of the ester residues in the obtained copolymer; (B) optional structure-improving auxiliaries; and (C) further conventional components. Hard capsules contain: (A) polymer obtained by radical polymerization of at least one 1-24C carboxylic acid vinyl ester (a) in presence of a polyether compound (b) and optionally comonomer(s) (c) (provided that if comonomers (c)

are absent then polyether (b) has number average molecular weight of 10000 or less), followed by at least partial saponification of the ester residues in the obtained copolymer; (B) optional structure-improving auxiliaries; and (C) further conventional components. An Independent claim is included for the use of the polymers (A) for the preparation of hard capsules as above, provided that if (c) are absent, then (b) has number average molecular weight 300-10000.

Inventors

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Latest standardized assignees - inventors removed

BASF

Family 62/100 - FAMPAT - ©Questel

Title

(US3264802)
Capsule forming and filling machine

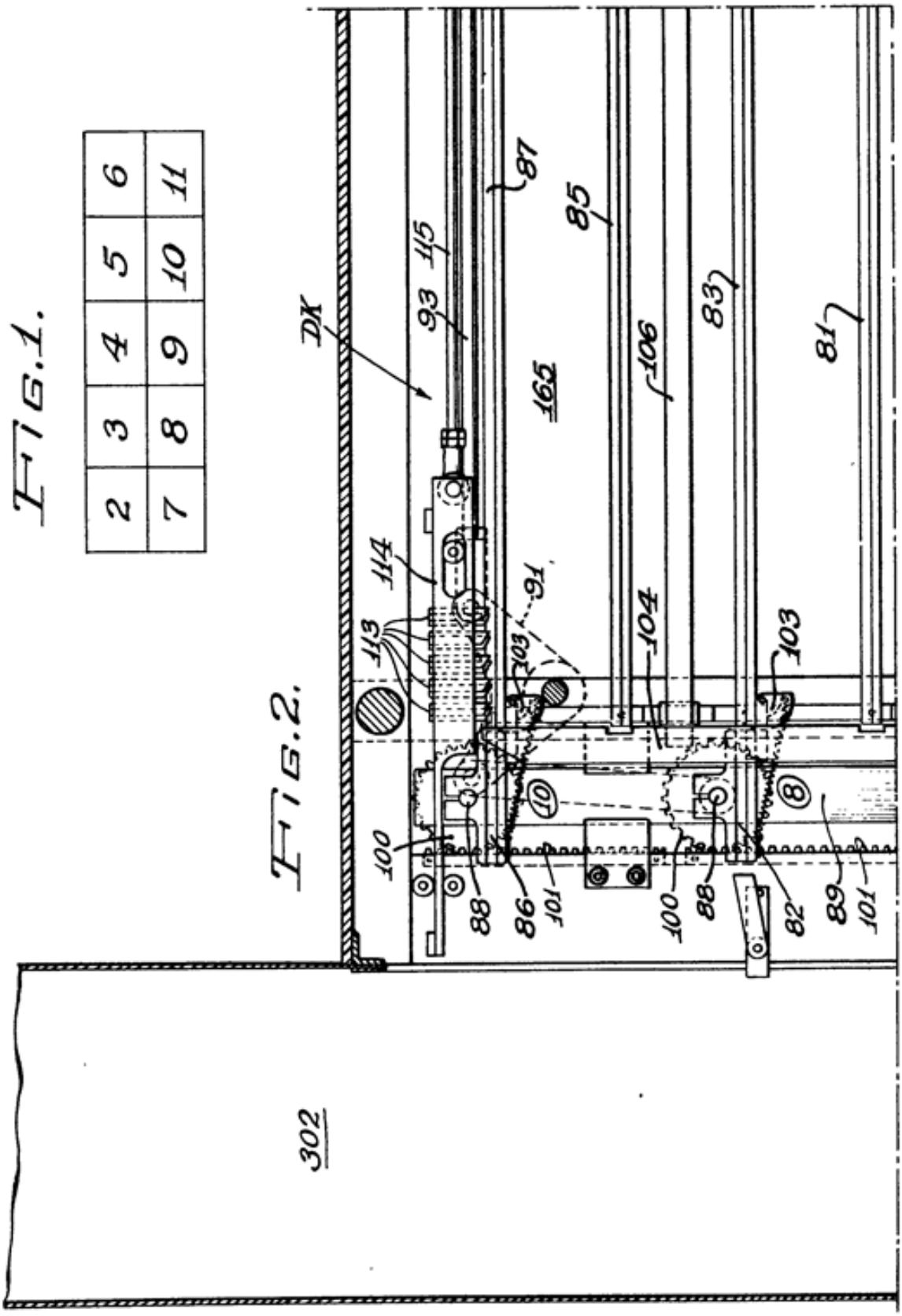
Images

81a 1 14 86 058 O.T.: 24.4.1969

FIG.1.

6	11		
5	10		
4	9		
3	8		
2	7		

FIG.2.



ORIGINAL INSPECTED

Publication numbers with kind code & date

DE1786564	B2	1976-11-18	DE1786564
DE1486058	C3	1973-09-27	DE1486058

DE1786564	A1	1973-05-24	DE1786564
DE1486058	B2	1973-03-08	DE1486058
DE1486058	A1	1969-04-24	DE1486058
US3264802	A	1966-08-09	US3264802
FR1413221	A	1965-10-08	FR1413221
GB1054977	A	0	GB1054977

Abstract

(US3264802)

1,054,977. Moulding capsules by dipping. R. P. SCHERER CORPORATION. Aug. 4, 1964 [Jan. 20, 1964], No. 31090/64. Heading B5A. [Also in Division B8] In a process for making capsules, body pins BP, Figs. 5, 6 (not shown). on pin bars PB are slowly dipped in a tank 56 containing, e.g. gelatin, to form capsule bodies, the pin bars are inverted and plug pins PP are similarly dipped in a tank 56a to form the capsule plugs, thereafter the pin bars are conveyed through a drying kiln, the capsule bodies and plugs stripped from the pins and the pins greased. Fig. 12 shows diagrammatically the complete moulding process and a filling and closing process is also described (see Division B8). General operation.-Stations 1-4 (numbers circled on drawings) show the abovementioned dippings together with an additional inversion of the pin bars which helps the gelatin assume a uniform thickness on the pins. From station 5 the pin bars are advanced six at a time to the drying kiln DK where they are translated between, and inverted at stations 6-10. The kiln operates at room temperature with flow of air from right to left through the machine and out of an exhaust hood attached to the kiln. At station 11 the pin bars are flopped over one at a time and each is raised so that the capsule plugs, now uppermost, may be stripped from the pins at station 13 of a turret T1. The ttripped plug pins are greased at station 18, the plug bodies are stripped from the body pins at station 20 of a turret T2 and the body pins greased at station 25, the pin bars being formed into groups of six before re-entering station 1. Turrets T1 and T2 are similar in operation conveying the capsule plugs and bodies respectively to a plug trimmer PT and body trimmer BT and thence to sockets SP, SB where the capsule is housed prior to filling and closing. Stripping operation.-At stripping station 13, Fig. 33 (not shown), of turret T1, pin bar PB3 is raised by a post 164 to introduce the capsule plugs P into collets 162, the pin bar being reinforced by a pair of scissor bars 170 which close upon it. Notched stripper plates 163 are moved towards each other by levers 178 and close about the plug pins PP so that on retraction of the latter the plugs are left in the collets 162. Similar stripping action occurs at station 20 for the capsule bodies. Trimming operation.-Fig. 31 (not reproduced), shows the body trimmer BT at station 21, the capsule bodies being pushed from adjacent collets 162 by pins 192, Fig. 33 (not shown), on to arbors 196a having grooves 204a. Trimming discs 205a adjacent these grooves are rotated, 180 degrees clockwise for one cycle of operation and 180 degrees anticlockwise in the succeeding cycle, and arbors 196a are also rotated to effect trimming of the open ends. Push pins 210a and a stripper bar 224a return the trimmed bodies to the collets 162 and a gate 197a, which descends on to the pins 210a when extended, subsequently removes the waste rings from the arbors 196a. The cap trimmer at station 14 is similar in operation. Pin greasing operation.-The pins PP at station 18, Fig. 33 (not shown), are greased by lowering of the pin bar and simultaneous raising of the pin greasers PG which contain felt rings charged with grease, Fig. 17 (nor shown). The body pins BP are similarly greased at station 25. The machine is built in replaceable units, Fig. 11A (not shown) to facilitate maintenance and, e.g. replacement of pin bars with others having differently sized pins.

(From GB1054977 A)

Inventors

KATH ALFRED W

Latest standardized assignees - inventors removed

R P SCHERER

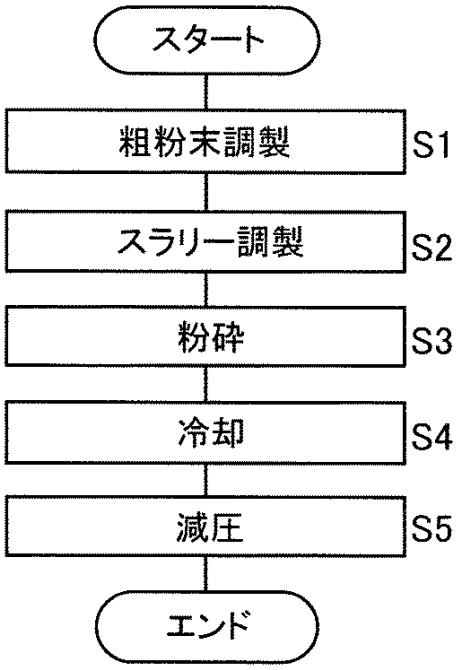
Family 63/100 - FAMPAT - ©Questel

Title

(JP2008197287)

Electrophotographic capsule toner

Images



Publication numbers with kind code & date

JP4850742	B2	2012-01-11	JP4850742
JP2008197287	A	2008-08-28	JP2008197287

Abstract

(JP2008197287)

PROBLEM TO BE SOLVED: To provide an electrophotographic capsule toner achieving both fixability and storage stability, without causing blocking and filming, while stably forming a high quality image free from image defects such as void and image fogging.

SOLUTION: In the electrophotographic capsule toner comprising core particles and a shell layer covering the surface of each core particle, as the material at least composing the shell layer, a polyether polyol resin is used, and, as the material composing the core particles, a synthetic resin of a kind different from the polyether polyol resin is used.

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Inventors

MATSUMOTO KATSURU

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MAEZAWA YOSHIHIRO

Latest standardized assignees - inventors removed

SHARP

Family 64/100 - FAMPAT - ©Questel

Title

(EP1775017)

Mononuclearly filled microcapsules

Images

Tabelle 1:

Kaumasse:

Zutat	Rohmaterial/Ingredienz	Gew.-%
01	Kaubase	27,62
02	Xylit	9,87
03	Sorbit	48,59
04	Mannit	11,54
05	Glycerin	2,16
06	Aspartam	0,11
07	Acesulfam K	0,11
		100,0

	Aromatisierung:	Gew.-% (bezogen auf die Gesamtmasse der Kaumasse)
08a	Kapseln - Pfefferminzöl	1,0*
08b	Kapseln – Pfefferminzöl	2,0**
08c	Pfefferminzöl	0,64

* entspricht einem Pfefferminzöl-Anteil von 0,64% bei einer eingestellten mittleren Kapselgröße von 1050 Mikrometer und einer Aromenverdünnung mittels Öl von 80:20.

** entspricht einem Pfefferminzöl-Anteil von 0,64% bei einer eingestellten mittleren Kapselgröße von 800 Mikrometer und einer Aromenverdünnung mittels Öl von 80 : 20.

Publication numbers with kind code & date

US8088433	B2	2012-01-03	US8088433
US20090291168	A1	2009-11-26	US20090291168
US7585538	B2	2009-09-08	US7585538
EP1775017	A3	2007-09-05	EP1775017
DE50209688	D1	2007-04-19	DE50209688
EP1775017	A2	2007-04-18	EP1775017
AT355896	T	2007-03-15	ATE355896
EP1461145	B1	2007-03-07	EP1461145
SG104896	B	2007-01-31	SG-104896
JP2005525093	A	2005-08-25	JP2005525093
US20040191366	A1	2004-09-30	US20040191366
EP1461145	A1	2004-09-29	EP1461145

SG104896	A1	2004-08-27	SG-104896
AU2002360083	A1	2003-07-15	AU2002360083
DE10164110	A1	2003-07-10	DE10164110
WO03/055587	A1	2003-07-10	WO200355587

Abstract

(EP1775017)

Microcapsules useful for flavoring foods and other consumables comprise a flavor-containing filling in a hardened shell based on an acidic polysaccharide with a defined water content

Mononuclearly filled seamless microcapsules comprise a flavor-containing filling in a hardened shell based on an acidic polysaccharide with a water content of up to 50 wt.%. Independent claims are also included for: (1) a food composition comprising the microcapsules and a carrier; (2) production of the microcapsules by forming discrete droplets of the liquid filling in a solution or dispersion of the shell material so that the shell material surrounds the filling on all sides in the droplets, hardening the shell material and drying the capsule shells to a water content of up to 50 wt.%.

Inventors

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FISCHER NORBERT
CHAUCHADIS PIERRE
FEXER WOLFGANG
SCHUETTE CHRISTIAN

Latest standardized assignees - inventors removed

SYMRISE

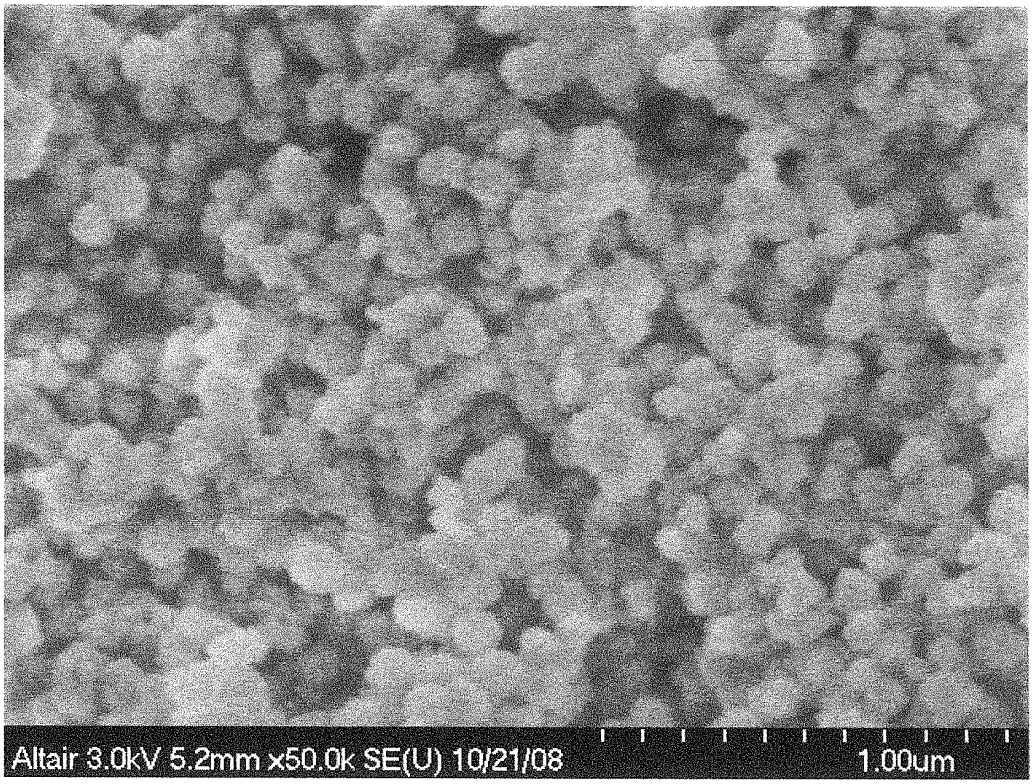
Family 65/100 - FAMPAT - ©Questel

Title

(EP2568989)

Lanthanum carbonate hydroxide, lanthanum oxycarbonate and methods of their manufacture and use

Images



Batch 100808

Publication numbers with kind code & date

IN201928044270	A	2020-10-02	IN201928044270
US20200093859	A1	2020-03-26	US20200093859
BR112012028629	B1	2020-02-18	BR112012028629
IN328169	B	2019-12-26	IN-328169
US10350240	B2	2019-07-16	US10350240
KR10-1940207	B1	2019-01-18	KR101940207
JP2018168156	A	2018-11-01	JP2018168156
JP6397845	B2	2018-09-26	JP6397845
KR10-1830456	B1	2018-02-20	KR101830456
KR10-2017-0122284	A	2017-11-03	KR20170122284
MX350075	B	2017-08-25	MX-350075
BR112012028629	A2	2017-03-21	BR112012028629
JP5993368	B2	2016-09-14	JP5993368
JP2016121198	A	2016-07-07	JP2016121198
CN103037870	B	2016-05-25	CN103037870B
RU2570007	C2	2015-12-10	RU2570007
US8961917	B2	2015-02-24	US8961917
AU2011252983	C1	2015-02-19	AU2011252983
TWI446916	B	2014-08-01	TWI446916
AU2011252983	B2	2014-07-24	AU2011252983
RU2012146818	A	2014-06-20	RU2012146818
US20140161885	A1	2014-06-12	US20140161885
IN2450/MUMNP/2012	A	2014-01-10	IN2012MN02450
ZA201209322	B	2013-08-28	ZA201209322
JP2013531598	A	2013-08-08	JP2013531598

BR112012028629	A1	2013-07-02	BR112012028629
KR10-2013-0063512	A	2013-06-14	KR20130063512
CN103037870	A	2013-04-10	CN103037870
MX2012013065	A	2013-03-21	MX2012013065
EP2568989	A1	2013-03-20	EP2568989
IL222824	A	2012-12-31	IL-222824
AR081395	A1	2012-08-29	AR--81395
TW201143784	A	2011-12-16	TW201143784
CA2798081	A1	2011-11-17	CA2798081
US20110280956	A1	2011-11-17	US20110280956
WO2011/143475	A1	2011-11-17	WO2011143475

Abstract

(EP2568989)

The present invention is a method of producing a lanthanum carbonate hydroxide or lanthanum oxycarbonate which has improved properties. The method involves the use of a water soluble lanthanum and a water soluble non-alkali metal carbonate or bicarbonate. The resulting material can be used as a phosphate binder individually or for treating patients with hyperphosphatemia.

Inventors

DIXIT MILIND
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STEWART MATTHEW
TANDALE RAJENDRA
SINGH RAMSHARAN

Latest standardized assignees - inventors removed

UNICYCIVE THERAPEUTICS

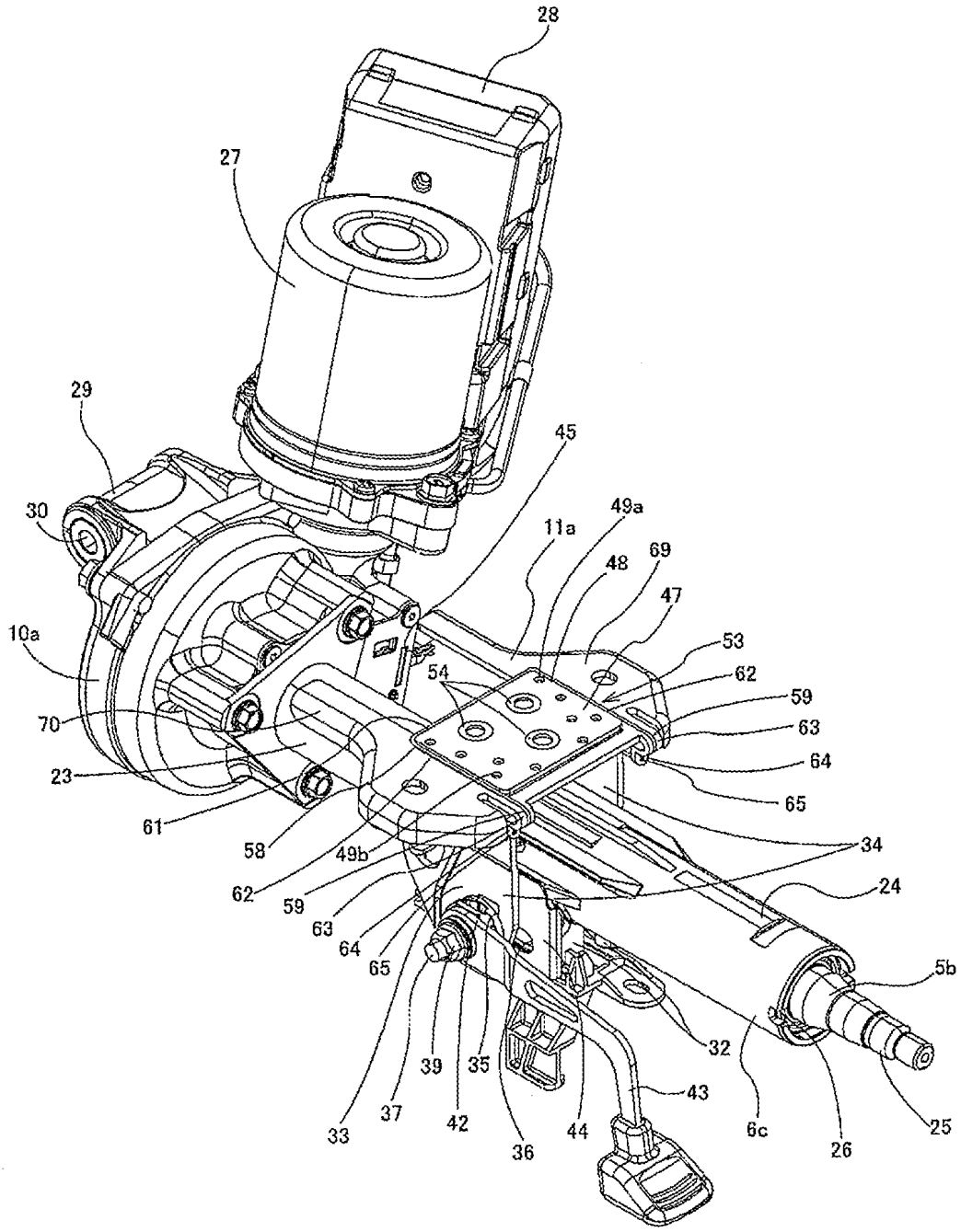
Family 66/100 - FAMPAT - ©Questel

Title

(EP2636573)

Steering column assist device

Images



Publication numbers with kind code & date

EP2636573	B1	2018-01-03	EP2636573
EP2636573	A4	2015-07-08	EP2636573
JP5553005	B2	2014-07-16	JP5553005
JP5553007	B2	2014-07-16	JP5553007
JP5553010	B2	2014-07-16	JP5553010
CN102596689	B	2014-03-12	CN102596689B
JP5397359	B2	2014-01-22	JP5397359
EP2636573	A1	2013-09-11	EP2636573
US8528937	B2	2013-09-10	US8528937
CN102596689	A	2012-07-18	CN102596689
US20120169035	A1	2012-07-05	US20120169035
JP2012106575	A	2012-06-07	JP2012106575
JP2012106686	A	2012-06-07	JP2012106686
JP2012101687	A	2012-05-31	JP2012101687
JP2012096669	A	2012-05-24	JP2012096669

WO2012/060193 A1 2012-05-10 WO201260193

Abstract

(EP2636573)

A steering column support apparatus that is capable of simplifying tuning for stabilizing forward displacement of a steering wheel during a secondary collision, keeping material costs, processing costs and assembly costs of an energy absorbing member low, and when necessary, preventing the steering wheel from dropping down excessively during a secondary collision. A locking capsule 47 that is fastened to a bracket 3 on the column side is held inside a locking hole 45 of a bracket 11b on the vehicle side that is fastened to the vehicle body by a plurality of connecting members that shear during a secondary collision. An energy absorbing member 53 is placed between the locking capsule 47 and the bracket 11b on the vehicle side. This energy absorbing member 53 is formed by bending a plastically deformable wire, and allows forward displacement of the locking capsule while absorbing impact energy that is applied to the locking capsule by plastically deforming during a secondary collision.

Inventors

MINAMIGATA TAKAHIRO
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TATEWAKI OSAMU
SADAKATA KIYOSHI
SEGAWA TORU
NISHIMURA NOBUYUKI

Latest standardized assignees - inventors removed

NSK - NIPPON SEIKO

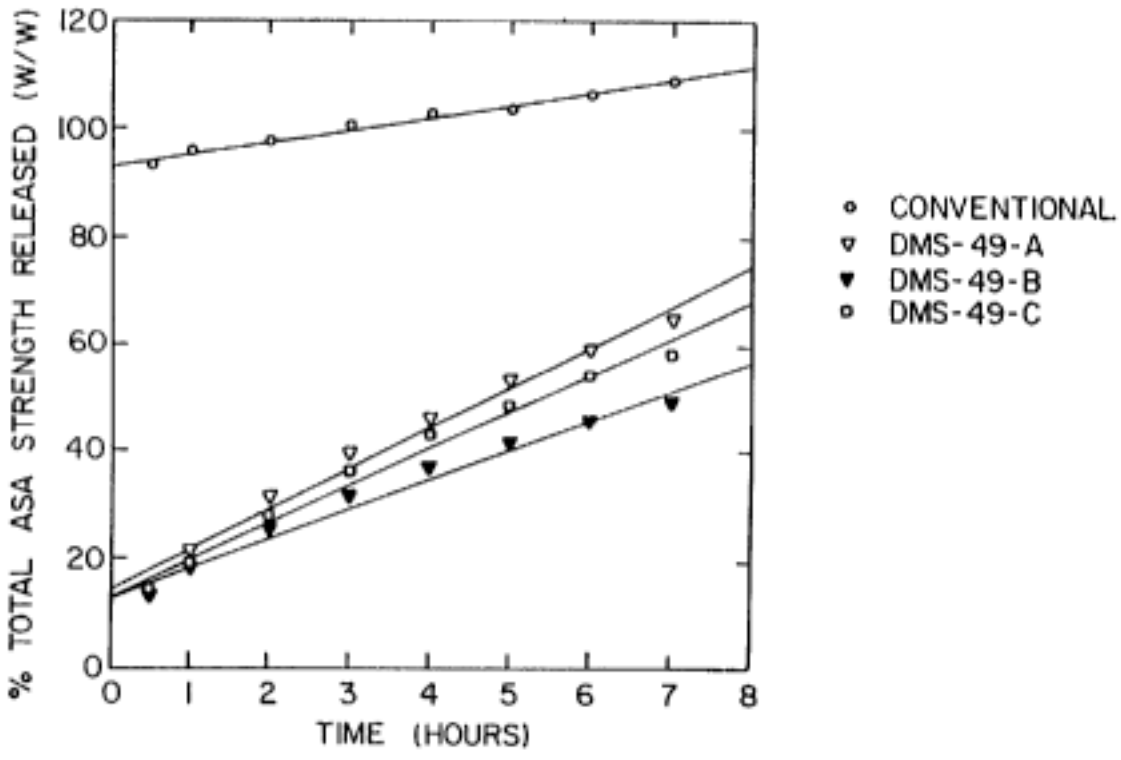
Family 67/100 - FAMPAT - ©Questel

Title

(EP-632720)

Hydroxyethylcellulose-based sustained-release oral drug dosage froms

Images



Publication numbers with kind code & date

JP2004203897 A 2004-07-22 JP2004203897

CA2132012	C	2003-04-22	CA2132012
DK0632720	T3	1999-07-26	DK-632720T
DE69322077	T2	1999-04-08	DE69322077
ES2124303	T3	1999-02-01	ES2124303
DE69322077	D1	1998-12-17	DE69322077
AT173159	T	1998-11-15	ATE173159
EP0632720	B1	1998-11-11	EP-632720
AU668386	B2	1996-05-02	AU-668386
JPH07507059	A	1995-08-03	JP07507059
EP0632720	A1	1995-01-11	EP-632720
AU3811493	A	1993-10-21	AU9338114
CA2132012	A1	1993-09-30	CA2132012
WO93/18755	A1	1993-09-30	WO9318755

Abstract

(EP0632720)

Sustained release oral drug dosage forms that comprise a tablet or capsule of a plurality of particles of a solid-state drug dispersed in alkyl cellulose such as hydroxyethylcellulose or hydroxypropylcellulose. Once ingested the tablet or capsule disintegrates to disperse the particles into the stomach where they imbibe water to cause them to swell and also to become slippery, thus enhancing their retention in the stomach. Imbibed water from the gastric fluid dissolves the drug entrapped in the particles and the resulting solution diffuses from the dispersed particles, assuring that no solid drug, which is more irritating, contacts the mucosal tissue. A number of embodiments of the dosage form utilizing different drugs are exemplified and the benefits are explained. Aspirin is one example.

Inventors

SHELL JOHN W

Latest standardized assignees - inventors removed

DEPOMED

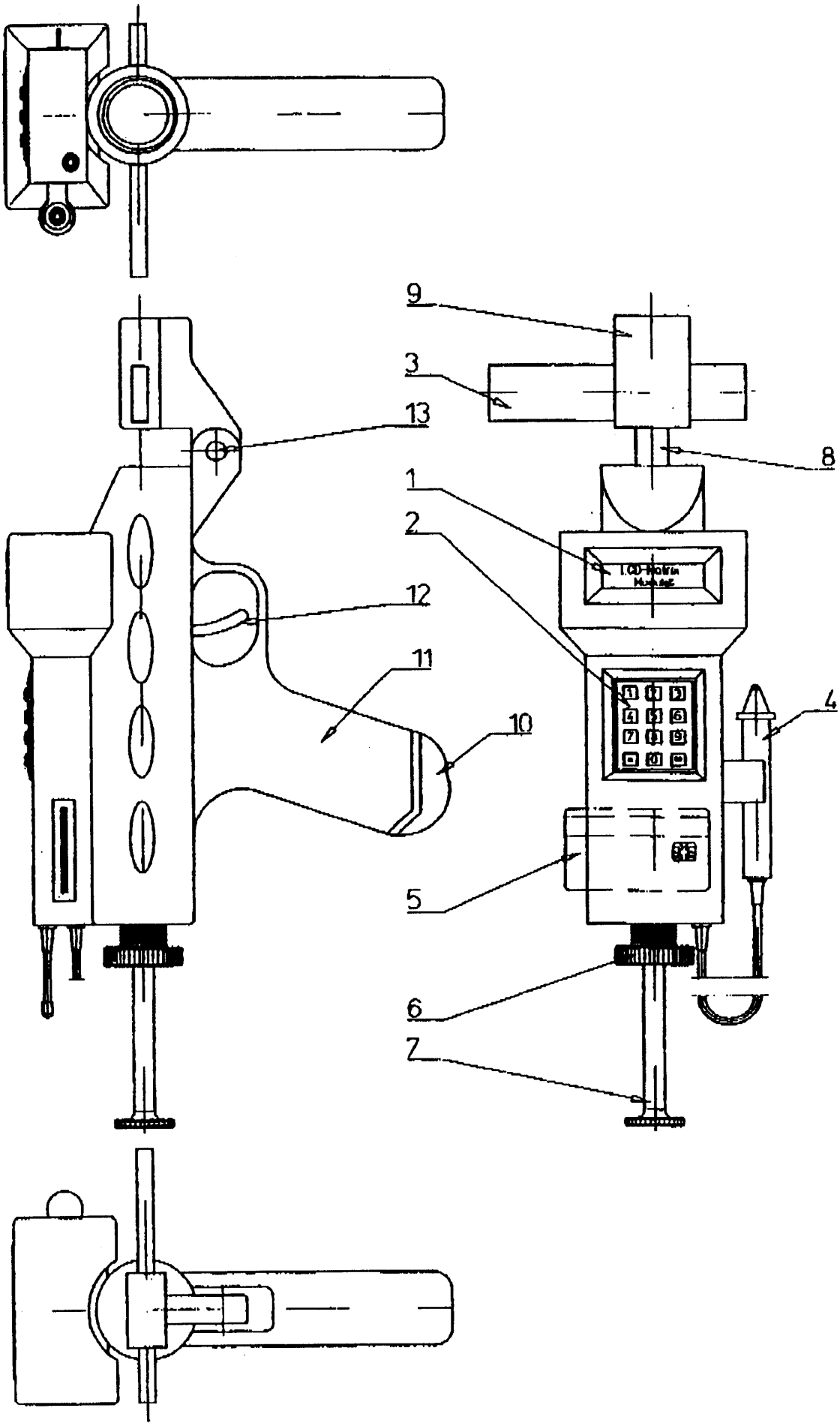
Family 68/100 - FAMPAT - ©Questel

Title

(EP1014861)

Device for withdrawing biological samples

Images



Publication numbers with kind code & date

HU230023 B1 2015-05-28 HU-230023

ES2215328	T5	2014-07-24	ES2215328
EP1014861	B2	2014-04-16	EP1014861
CA2303243	C	2009-07-21	CA2303243
DE19758617	B4	2006-06-14	DE19758617
UA75323	C2	2006-04-17	UA--75323
PL190557	B1	2005-12-30	PL-190557
CN1196449	C	2005-04-13	CN1196449C
EA005100	B1	2004-10-28	EA---5100
ES2215328	T3	2004-10-01	ES2215328
DE59811112	D1	2004-05-06	DE59811112
AT262831	T	2004-04-15	ATE262831
EP1014861	B1	2004-03-31	EP1014861
DE19758619	C2	2003-12-18	DE19758619
US6659338	B1	2003-12-09	US6659338
DE19758633	C2	2003-10-23	DE19758633
NZ503521	A	2002-12-20	NZ-503521
AU752275	B2	2002-09-12	AU-752275
HU0003451	A3	2002-03-28	HU200003451
HU0003451	A2	2001-02-28	HU200003451
CN1275894	A	2000-12-06	CN1275894
PL339223	A1	2000-12-04	PL98339223
EA200000308	A1	2000-10-30	EA200000308
EP1014861	A1	2000-07-05	EP1014861
AU1142799	A	1999-03-29	AU9911427
CA2303243	A1	1999-03-18	CA2303243
WO99/12475	A1	1999-03-18	WO9912475

Abstract

(EP1014861)

The invention relates to a method and device for withdrawing biological samples. The device has a receptacle which can receive one or several covers for sample containers, another receptacle which can receive one or several sample containers, and a mechanism. Said mechanism joins the covers and containers together during a working cycle in which the biological sample is withdrawn either through the cover or the sample container to a test capsule.

Inventors

DITTMANN THOMAS CLAUS

GUT IVO GLYNNE

HEUERMANN ARNO SVEND

OLEK ALEXANDER

Latest standardized assignees - inventors removed

CAISLEY INTERNATIONAL

Family 69/100 - FAMPAT - ©Questel

Title

(FR2187119)

Système et procédé électroniques de contrôle de capsules.

Images

ZEICHNUNGEN BLATT 1

Nummer: 2246491
Int. Cl.³: B07C 5/342
Veröffentlichungstag: 18. August 1983

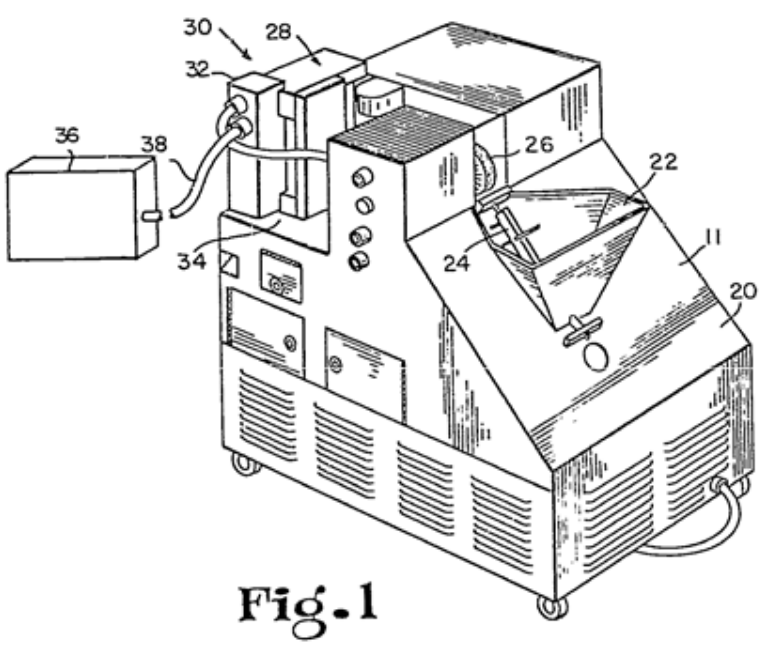


Fig.1

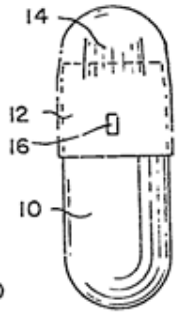


Fig.2

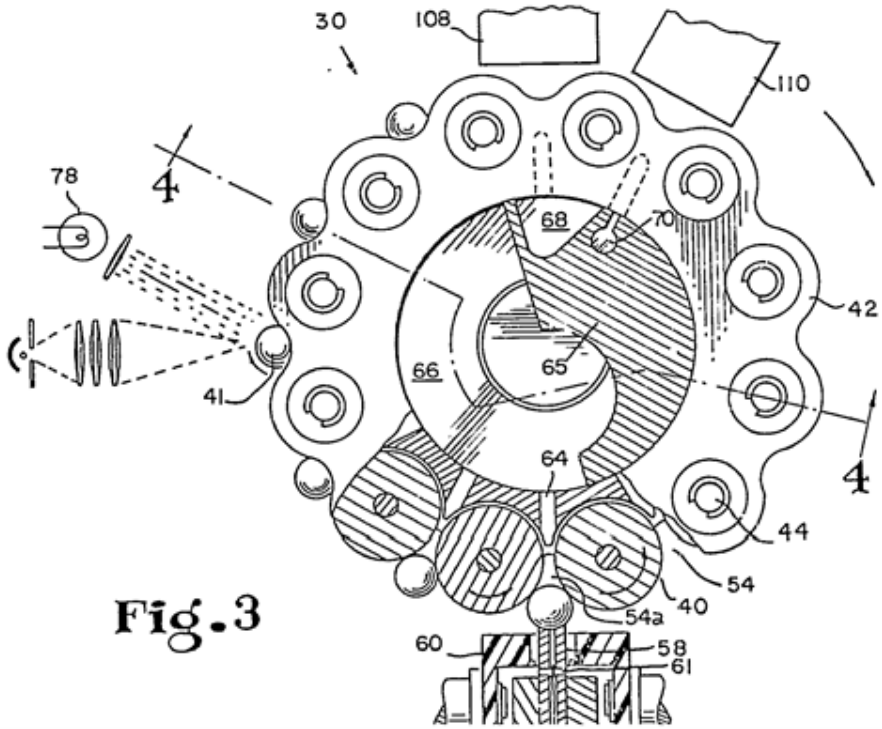


Fig.3

Publication numbers with kind code & date

DE2246491	C2	1983-08-18	DE2246491
AR222769	A1	1981-06-30	AR-222769
YU35679	B	1981-04-30	YU--35679
YU243072	A	1980-09-25	YU7202430
JPS5418955	B2	1979-07-11	JP79018955
AT349237	B	1979-03-26	AT-349237
PH12229	A	1978-11-29	PH--12229
ATA826672	A	1978-08-15	AT7208266
KR780000018	B1	1978-03-04	KR780000018

CS178118	B2	1977-08-31	CS-178118
IE37068	B1	1977-04-27	IE--37068
SE391983	B	1977-03-07	SE-391983
SU549068	A3	1977-02-28	SU-549068
CH573099	A5	1976-02-27	CH-573099
ES407076	A1	1975-11-16	ES-407076
AU462822	B2	1975-07-10	AU-462822
PL78404	B1	1975-06-30	PL--78404
IL40348	B	1975-04-25	IL--40348
GB1391221	A	1975-04-16	GB1391221
CA958100	A	1974-11-19	CA-958100
ZA726096	B	1974-04-24	ZA-726096
AU4663372	A	1974-03-21	AU7246633
IT966076	B	1974-02-11	IT-966076
FR2187119	A	1974-01-11	FR2187119
FR2187119	A5	1974-01-11	FR2187119
BR7206671	D0	1973-08-23	BR7206671
DD99434	A5	1973-08-05	DD--99434
JPS4843359	A	1973-06-22	JP48043359
DE2246491	A1	1973-04-05	DE2246491
NL7212910	A	1973-03-29	NL7212910
IE37068	L	1973-03-27	IE3700068
BE789263	A	1973-03-26	BE-789263
IL40348	A	1972-11-28	IL--40348

Abstract

(FR2187119)

An electronically controlled system and method for processing the signals obtained from an optical inspection of rapidly presented and rotated medicinal capsules. Built-in deviations in the capsule structure are differentiated from structural defects which may occur and the decision made to accept or reject each capsule. The occurrence of a defect or a built-in deviation causes photo detectors to have a current spike output. Both the defect and the built-in deviation spikes are converted to digital pulses. The defect pulses are counted and the deviation pulses are used to reset a free-running oscillator controlled counter. A defect in the circumferential vicinity of the built-in deviations causes the built-in deviation counter to be prematurely reset. This causes a defect to be recorded. Each capsule is redundantly examined. A sufficient number of reoccurrences of any defect causes a shift register to be activated which initiates and controls the rejection of the capsule. Optical readouts present the number of rejected and accepted capsules, and the percentage of rejected capsules for each lot of 1,000 capsules which are inspected.

(From US3757943 A)

Inventors

CHAE, HI CHUL

BERNTSEN, WALTER HENRY, INDIANAPOLIS, IND., US

GELINAS, RICHARD, SHELBYVILLE, IND., US

TRUSTY, JON CATON, INDIANAPOLIS, IND., US

Latest standardized assignees - inventors removed

ELI LILLY

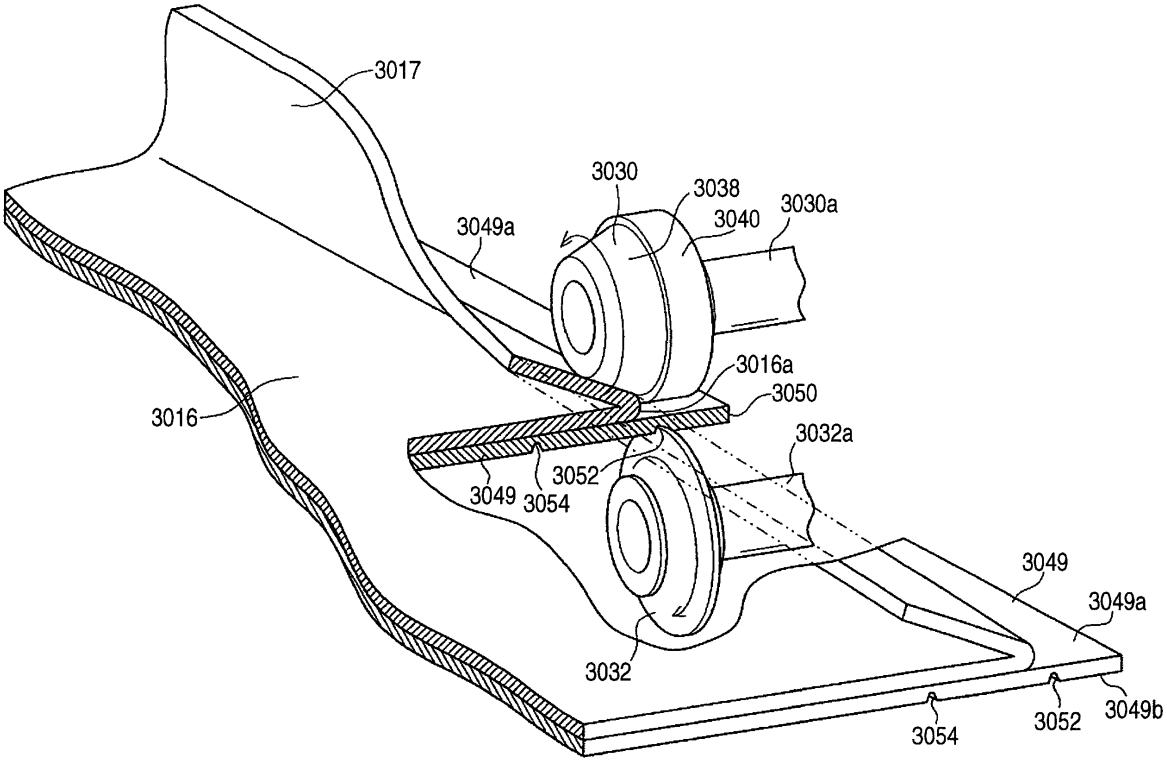
Family 70/100 - FAMPAT - ©Questel

Title

(EP2108468)

Hemming method and hemming device

Images



Publication numbers with kind code & date

US8914964	B2	2014-12-23	US8914964
CN101811163	B	2013-12-25	CN101811163B
CN101811164	B	2013-07-10	CN101811164B
EP2108466	B1	2013-03-20	EP2108466
US20120291508	A1	2012-11-22	US20120291508
JP5033368	B2	2012-09-26	JP5033368
US8272243	B2	2012-09-25	US8272243
JP5027459	B2	2012-09-19	JP5027459
CN101817042	B	2012-07-04	CN101817042B
CN101811162	B	2012-05-30	CN101811162B
CN101817041	B	2012-02-29	CN101817041B
JP4865370	B2	2012-02-01	JP4865370
EP1958714	B1	2011-09-28	EP1958714
CA2632539	C	2011-08-02	CA2632539
DE602006021647	D1	2011-06-09	DE602006021647
JP4690875	B2	2011-06-01	JP4690875
EP2116318	B1	2011-04-27	EP2116318
DE602006020362	D1	2011-04-07	DE602006020362
EP2110190	B1	2011-02-23	EP2110190
JP4617249	B2	2011-01-19	JP4617249
JP4562648	B2	2010-10-13	JP4562648
JP4559374	B2	2010-10-06	JP4559374
CN101817040	A	2010-09-01	CN101817040
CN101817041	A	2010-09-01	CN101817041
CN101817042	A	2010-09-01	CN101817042
CN101811162	A	2010-08-25	CN101811162
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CN101811164	A	2010-08-25	CN101811164
JP4523542	B2	2010-08-11	JP4523542
EP2116318	A3	2010-06-23	EP2116318

JP4469784	B2	2010-05-26	JP4469784
CN101360573	B	2010-05-19	CN101360573B
EP2110190	A3	2010-04-07	EP2110190
EP2108466	A3	2010-01-27	EP2108466
EP2108468	A3	2009-12-09	EP2108468
EP2116318	A2	2009-11-11	EP2116318
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EP2108466	A2	2009-10-14	EP2108466
EP2108468	A2	2009-10-14	EP2108468
CN101360573	A	2009-02-04	CN101360573
US20080307630	A1	2008-12-18	US20080307630
EP1958714	A4	2008-12-03	EP1958714
EP1958714	A1	2008-08-20	EP1958714
JP2008023587	A	2008-02-07	JP2008023587
JP2008012572	A	2008-01-24	JP2008012572
JP2007237283	A	2007-09-20	JP2007237283
JP2007229723	A	2007-09-13	JP2007229723
JP2007152390	A	2007-06-21	JP2007152390
JP2007152391	A	2007-06-21	JP2007152391
JP2007152392	A	2007-06-21	JP2007152392
JP2007152394	A	2007-06-21	JP2007152394
JP2007152395	A	2007-06-21	JP2007152395
CA2632539	A1	2007-06-14	CA2632539
WO2007/066670	A1	2007-06-14	WO200766670

Abstract

(EP2108468)

The present invention relates to a hemming working method for carrying out hemming working for a hem portion of a work (W) by using a work roller (7030) movably supported by moving means (7034); wherein the work roller (7030) is displaced in a direction (X) of a rotating shaft (7030A) thereof in the hemming working.

Inventors

HASEGAWA EISAKU
KINOUCHI YOSHIYUKI
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NAKAMURA TAKESHI
IGAUE MITSUTAKA
MIWA HIROSHI

Latest standardized assignees - inventors removed

HONDA MOTOR

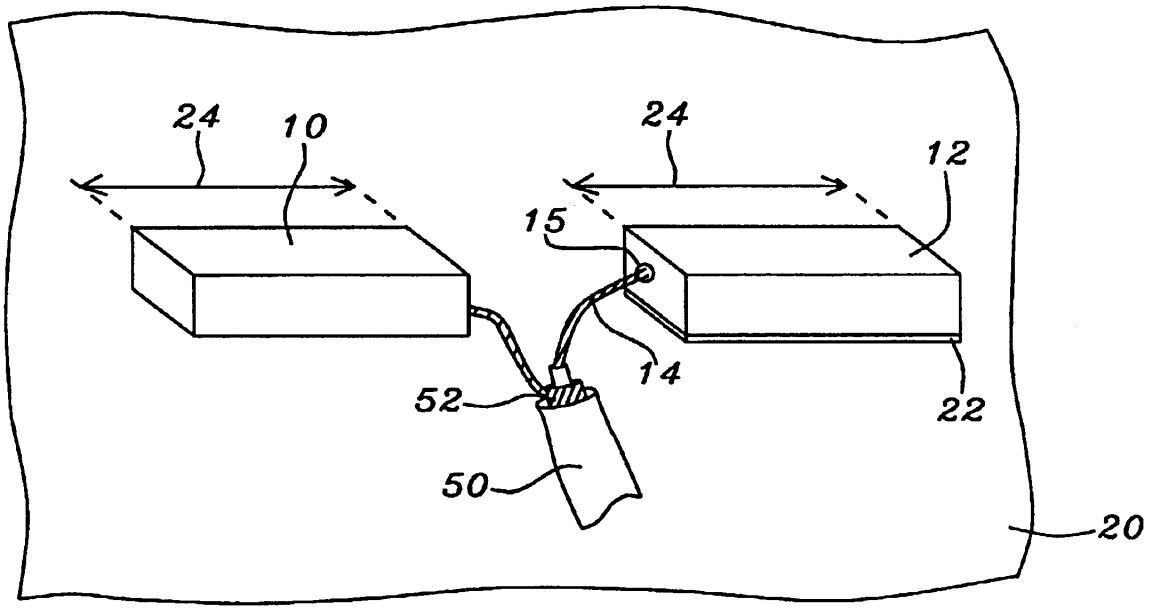
Family 71/100 - FAMPAT - ©Questel

Title

(EP1427055)

Low cost antennas using conductive plastics or conductive composites

Images



Publication numbers with kind code & date

US8268222	B2	2012-09-18	US8268222
US7829006	B2	2010-11-09	US7829006
US7726440	B2	2010-06-01	US7726440
US7708920	B2	2010-05-04	US7708920
US7658663	B2	2010-02-09	US7658663
US7549521	B2	2009-06-23	US7549521
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US7425885	B2	2008-09-16	US7425885
US7372006	B2	2008-05-13	US7372006
US7372127	B2	2008-05-13	US7372127
US7339146	B2	2008-03-04	US7339146
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US7273135	B2	2007-09-25	US7273135
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US7223144	B2	2007-05-29	US7223144
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US7198735	B2	2007-04-03	US7198735
US7182889	B2	2007-02-27	US7182889
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US7102077	B2	2006-09-05	US7102077
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US20060138646	A1	2006-06-29	US20060138646

US20060131547	A1	2006-06-22	US20060131547
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US6870516	B2	2005-03-22	US6870516
US20050029000	A1	2005-02-10	US20050029000
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US20050024290	A1	2005-02-03	US20050024290
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CN1538554	A	2004-10-20	CN1538554
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US20040189170	A1	2004-09-30	US20040189170
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US20040160377	A1	2004-08-19	US20040160377
KR20040048848	A	2004-06-10	KR20040048848
EP1427055	A1	2004-06-09	EP1427055
CA2452284	A1	2004-06-04	CA2452284
US20040051666	A1	2004-03-18	US20040051666

Abstract

(EP1427055)

Low cost antennas formed of a conductive loaded resin-based material. The conductive loaded resin-based material comprises conductor fibers or conductor particles in a resin or plastic host wherein the ratio of the weight of the conductor fibers or conductor particles to the weight of the resin or plastic host is between about 0.20 and 0.40. The conductive fibers can be stainless steel, nickel, copper, silver, or the like. The antenna elements can be formed using methods such as injection molding or extrusion. Virtually any antenna fabricated by conventional means such as wire, strip-line, printed circuit boards, or the like can be fabricated using the conductive loaded resin-based materials. The conductive loaded resin-based material used to form the antenna elements can be in the form of a thin flexible woven fabric which can readily cut to the desired shape. <IMAGE>

Inventors

AISENBREY THOMAS

Latest standardized assignees - inventors removed

INTEGRAL TECHNOLOGIES

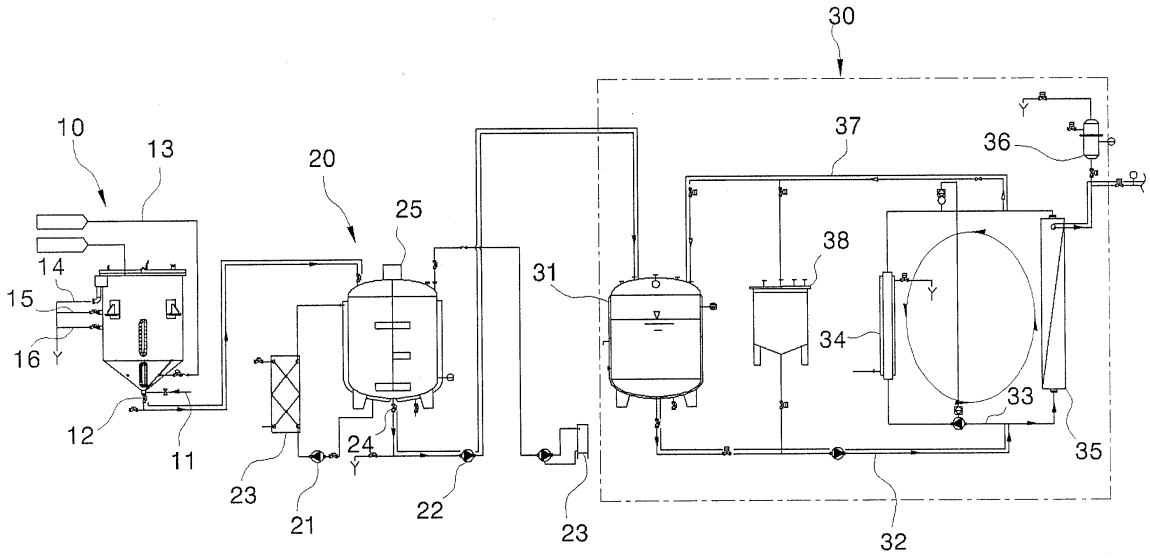
Family 72/100 - FAMPAT - ©Questel

Title

(WO201610207)

Method and apparatus for recovering high-purity gelatin from gelatin net to be generated in gelatin capsule preparation process

Images



Publication numbers with kind code & date

US20160017182	A1	2016-01-21	US20160017182
WO2016/010207	A1	2016-01-21	WO201610207
KR10-1463768	B1	2014-11-21	KR101463768

Abstract

(WO2016/010207)

The purpose of the present invention is to recycle a gelatin net to be generated in a capsule gelatin preparation process and, particularly, to extract high-purity gelatin by removing an additive contained in the gelatin net, particularly, the color, thereby allowing the same to be recycled as a material for preparing a gelatin capsule. To this end, the present invention filters foreign matters while sequentially using general filtration, microfiltration and ultrafiltration methods after passing the same through a washing step for pretreatment and a dissolving step for dissolving the washed gelatin scraps in a solvent; removes a color-inducing material in an ion separation step; and uses a concentration and drying step.

Inventors

KIM JU-SU

Latest standardized assignees - inventors removed

CHANG SUNG SOFTGEL SYSTEM

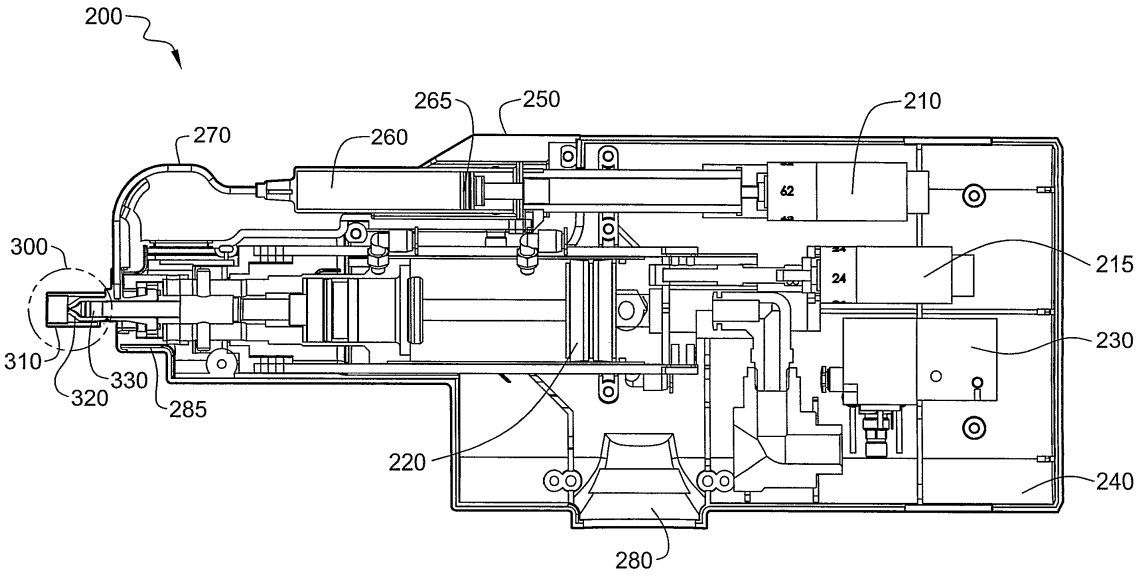
Family 73/100 - FAMPAT - ©Questel

Title

(EP2035065)

Intradermal needle-less injection device

Images



Publication numbers with kind code & date

EP2035065	B1	2014-06-18	EP2035065
IL196242	B	2014-04-30	IL-196242
US8066662	B2	2011-11-29	US8066662
US20110015567	A1	2011-01-20	US20110015567
US7824360	B2	2010-11-02	US7824360
EP2035065	A4	2010-06-30	EP2035065
US20090240230	A1	2009-09-24	US20090240230
IL196242	A	2009-09-22	IL-196242
WO2008/001377	A3	2009-04-30	WO200801377
WO2008/001378	A3	2009-04-30	WO200801378
EP2035065	A2	2009-03-18	EP2035065
WO2008/001377	A2	2008-01-03	WO200801377
WO2008/001378	A2	2008-01-03	WO200801378

Abstract

(EP2035065)

A needle-less fluid injection device, including, a nozzle head with an injection hole for accepting a dose of fluid to be injected into the skin of a patient, a fluid capsule that is connected to said nozzle head and provides the nozzle head with one or more doses of fluid for injection, an injection head for mounting the fluid capsule and the nozzle head; including a first mechanism for releasing a dose of fluid from the fluid capsule to the nozzle and a second mechanism for injecting the dose of fluid from the nozzle into the skin of a patient.

Inventors

AZAR ZION
BAROR EYAL
GERSHONOVITZ AMIKAM
SHALEV PINI
LEV KONYA GAD
RINGART YIGAL

Latest standardized assignees - inventors removed

PERF ACTION TECHNOLOGIES

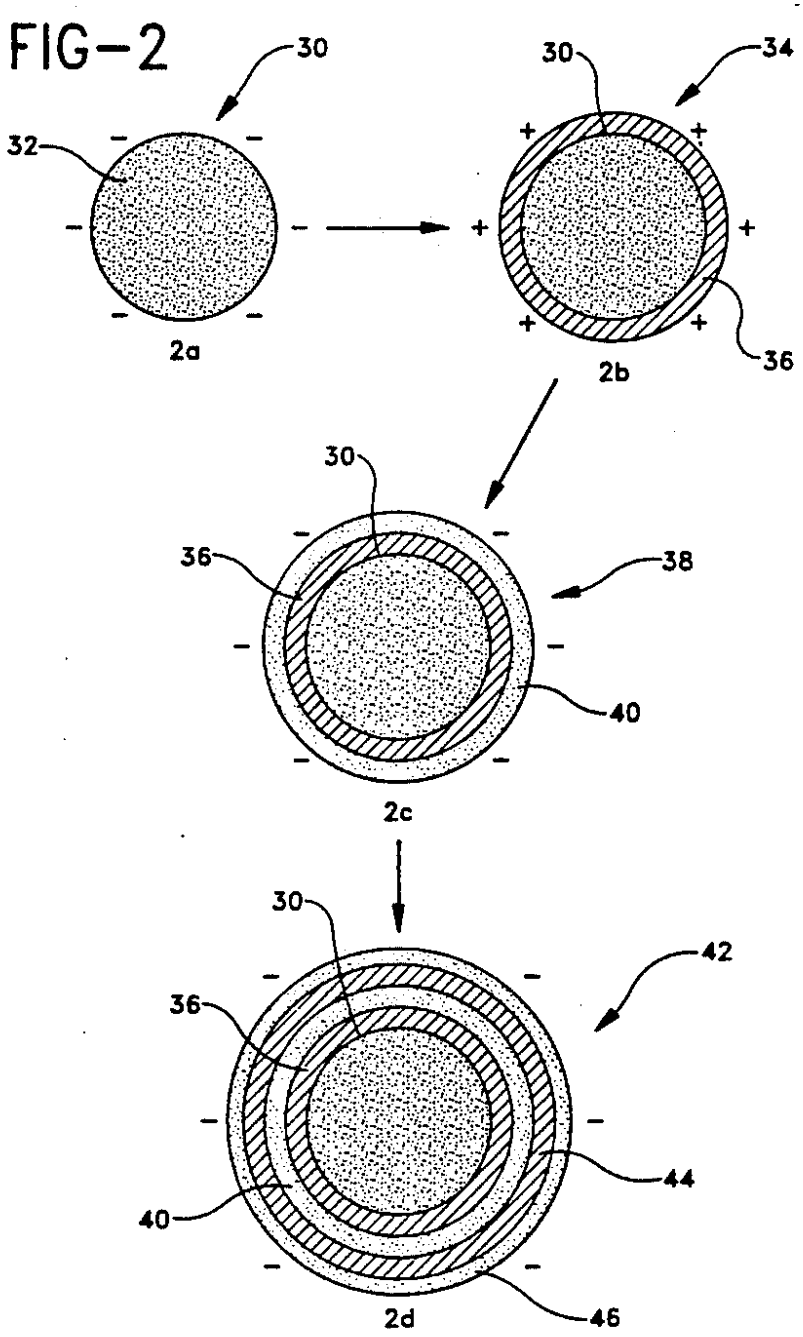
Family 74/100 - FAMPAT - ©Questel

Title

(US5320812)

Clot activating polyelectrolyte complex and blood collection assembly containing same

Images



Publication numbers with kind code & date

FR2710855	B1	1998-04-03	FR2710855
JP2601634	B2	1997-04-16	JP2601634
JP07191019	A	1995-07-28	JP07191019
FR2710855	A1	1995-04-14	FR2710855
DE4435348	A1	1995-04-06	DE4435348
US5320812	A	1994-06-14	US5320812

Abstract

(US5320812)

An additive for a blood collection container is a polyelectrolyte complex having a surface charge which activates clotting of a blood sample in the container. A preferred additive is a crosslinked carboxylated cellulose having a negative charge. The invention includes a blood collection tube having a puncturable stopper in an open end and the additive of the invention deployed therein.

Inventors

HARPER GARRY R

Latest standardized assignees - inventors removed

BECTON DICKINSON & COMPANY

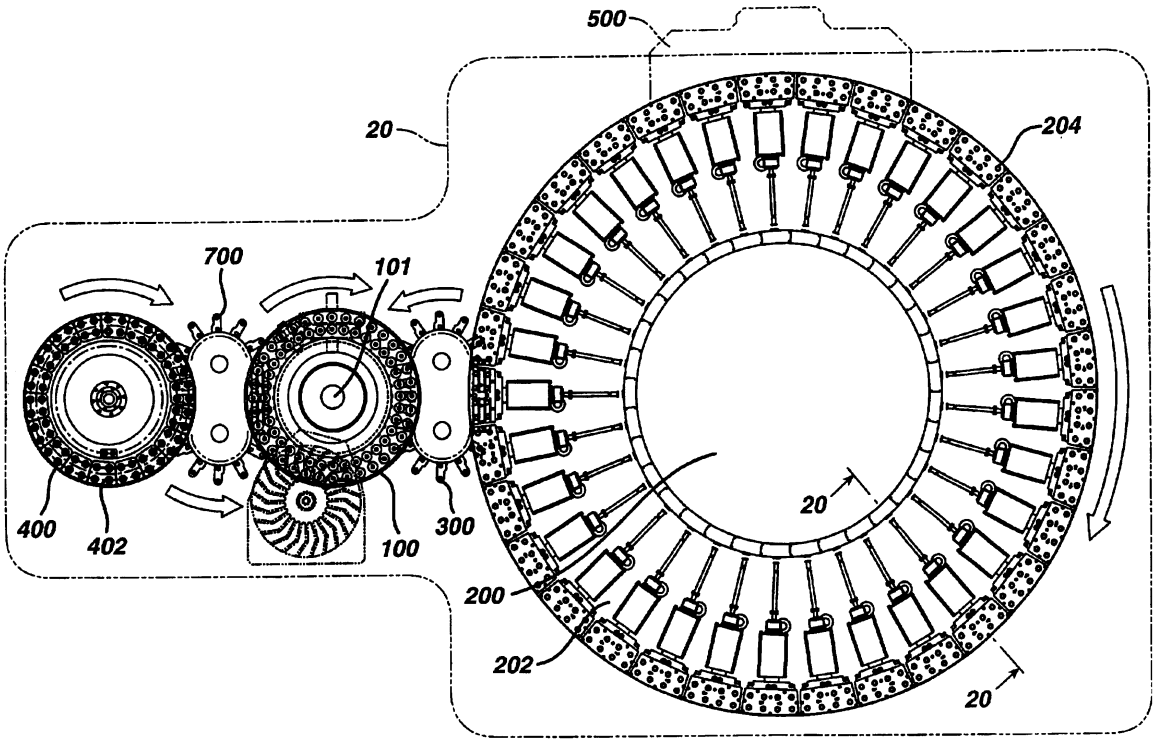
Family 75/100 - FAMPAT - ©Questel

Title

(EP1429737)

Modified release dosage forms

Images



Publication numbers with kind code & date

ES2444549	T3	2014-02-25	ES2444549
EP1542661	B1	2013-12-18	EP1542661
EP1429724	B1	2013-11-06	EP1429724
US8545887	B2	2013-10-01	US8545887
CA2499979	C	2012-09-11	CA2499979
US7972624	B2	2011-07-05	US7972624
US7968120	B2	2011-06-28	US7968120
DE60239945	D1	2011-06-16	DE60239945
CA2500313	C	2011-06-07	CA2500313
AT507823	T	2011-05-15	ATE507823
EP1429742	B1	2011-05-04	EP1429742
ES2355233	T3	2011-03-24	ES2355233
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AT490764	T	2010-12-15	ATE490764
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KR10-0995486	B1	2010-11-22	KR100995486
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WO03/026626	A3	2003-10-16	WO200326626
WO03/026615	A3	2003-07-31	WO200326615

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WO03/028990	A1	2003-04-10	WO200328990
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WO03/026630	A1	2003-04-03	WO200326630

Abstract

(EP1429737)

A dosage form comprises: (a) at least one active ingredient; (b) a core; and(c) a shell which surrounds the core, wherein the shell is substantially free of pores having a diameter of 0.5-5.0 microns, and the shell comprises a first shell portion and a second shell portion which are compositionally different and the dosage form provides a modified release profile of the active ingredient upon contacting of the dosage form with a liquid medium. In another embodiment, the dosage form comprises: (a) at least one active ingredient; (b) a core comprising first and second core portions; and (c) a shell which surrounds the core, wherein the shell comprises first and second shell portions such that the first shell portion resides upon the first core portion and the second shell portion resides upon the second core portion, and at least one of the first or second shell portions or first or second shell portions provides a modified release profile of the active ingredient upon contacting of the dosage form with a liquid medium.

Inventors

LEE DER-YANG

LI SHUN-POR

MCTEIGUE DANIEL

PARIKH NARENDRA
SOWDEN HARRY S
THOMAS MARTIN
WYNN DAVID

Latest standardized assignees - inventors removed

JOHNSON & JOHNSON CONSUMER

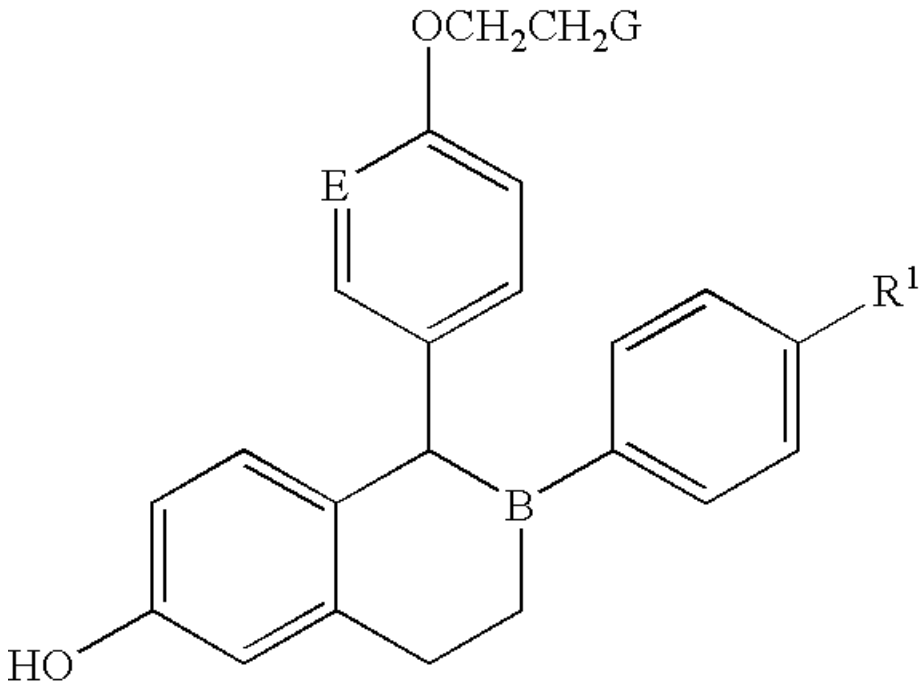
Family 76/100 - FAMPAT - ©Questel

Title

(EP1534248)
Lasofoxifene tablet and its coating

Images

(I)



Publication numbers with kind code & date

CY1112892	T1	2016-04-13	CY1112892
IN255289	B	2013-02-15	IN-255289
ES2395123	T3	2013-02-08	ES2395123
SI1534248	T1	2012-07-31	SI1534248T
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IN249008	B	2011-09-23	IN-249008
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CA2489407	A1	2004-01-22	CA2489407
WO2004/006895	A1	2004-01-22	WO200406895

Abstract

(EP1534248)

Pharmaceutical compositions having uniform drug distribution and potency utilizing laxofoxifene as an active ingredient and containing a silicon dioxide to reduce loss of the active ingredient during the manufacturing process and methods for manufacturing such compositions are disclosed. The coating triacetin as plasticize was proven to confer good stability to lasofoxifene.

Inventors

GIERER DANIEL S

Latest standardized assignees - inventors removed

PFIZER PRODUCTS

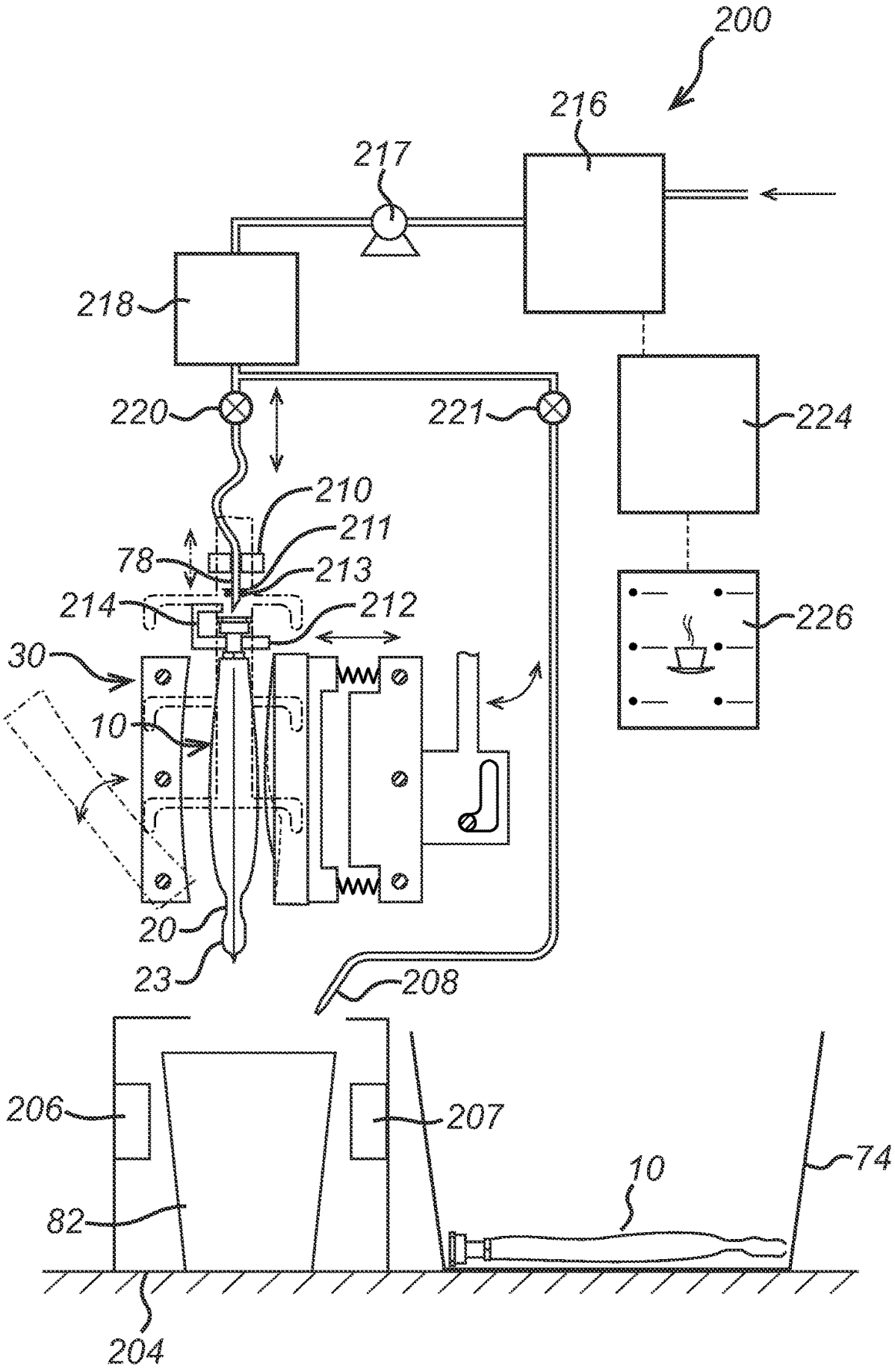
Family 77/100 - FAMPAT - ©Questel

Title

(EP3209167)

Beverage preparation with pressurized liquid

Images



Publication numbers with kind code & date

US10863856	B2	2020-12-15	US10863856
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RU2017117424	A3	2019-06-10	RU2017117424
RU2017117424	A	2018-11-23	RU2017117424
EP3209167	B1	2018-09-26	EP3209167
BR112017008145	A2	2018-02-20	BR112017008145
US20170340160	A1	2017-11-30	US20170340160
JP2017531524	A	2017-10-26	JP2017531524
EP3209167	A1	2017-08-30	EP3209167
CN107105922	A	2017-08-29	CN107105922
BR112017008145	A1	2017-05-23	BR112017008145
CA2964502	A1	2016-04-28	CA2964502
WO2016/063087	A1	2016-04-28	WO201663087
GB201418881	D0	2014-12-03	GB201418881

Abstract

(EP3209167)

A beverage preparation apparatus for preparation of a beverage from a capsule in a clamp assembly (30). The clamp assembly has a first clamp member (31) and a second clamp member, where the inner surfaces of the first clamp member and the second clamp member form a clamp chamber (33) for substantially enclosing and supporting a capsule (10) during beverage preparation. The second clamp member comprises a rigid peripheral frame (32) having a central void and a resilient layer (37) extending across said central void. There is a piston (36) positioned in the central void and resiliently coupled to the peripheral frame (32) to allow limited resilient movement of the rigid peripheral frame (32) relative to the piston (36).

Inventors

FLETCHER PAUL
KNOWLES DAVID
THOMPSON MARK
MOULD PHILIP
AUSTIN PETER

Latest standardized assignees - inventors removed

LAVAZZA PROFESSIONAL NORTH AMERICA

Family 78/100 - FAMPAT - ©Questel

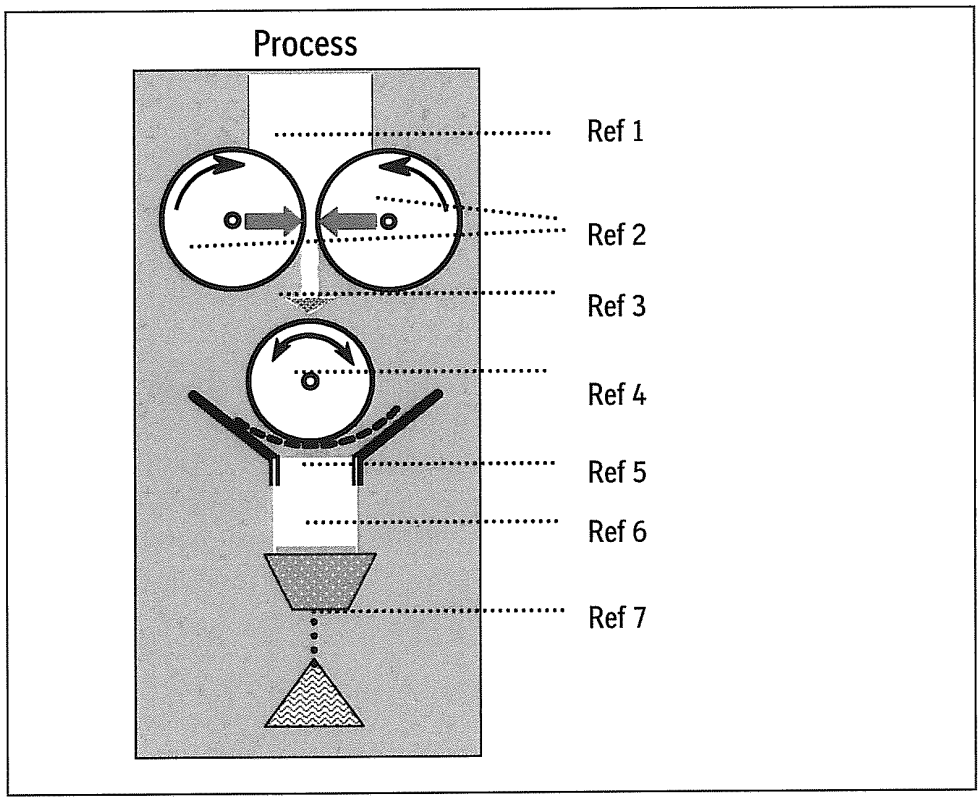
Title

(EP2299971)

Solid pharmaceutical formulations comprising bibw 2992

Images

Compaction Process to the "BIBW 2992 MA_2 compacted intermediate"



Ref 1: Precipitated BIBW 2992 salt

Ref 2: Compaction rolls

Ref 3: Ribbon

Ref 4: Granulator unit

Ref 5: Broken-up ribbon

Ref 6: Sieving machine

Ref 7: BBW 2992 compacted intermediate

Publication numbers with kind code & date

BRPI0913379	B1	2020-03-31	BR200913379
CA2726472	C	2017-10-03	CA2726472
CY1117895	T1	2017-05-17	CY1117895
HUE029863	T2	2017-04-28	HUE029863
PL2299971	T3	2017-04-28	PL2299971
ME02478	B	2017-02-20	ME---2478
RS54943	B1	2016-11-30	RS--54943
ES2588031	T3	2016-10-28	ES2588031
HRP20161061	T1	2016-10-21	HRP20161061
SI2299971	T1	2016-09-30	SI2299971T
DK2299971	T3	2016-08-29	DK2299971T
KR101641517	B1	2016-07-29	KR101641517
PT2299971	T	2016-07-29	PT2299971T
EP2299971	B1	2016-05-25	EP2299971
EA022168	B1	2015-11-30	EA--22168
BRPI0913379	A2	2015-11-24	BR200913379
IL209054	B	2015-07-30	IL-209054

JP5632367	B2	2014-11-26	JP5632367
TWI453203	B	2014-09-21	TWI453203
AU2009254574	B2	2014-07-03	AU2009254574
MY151240	A	2014-04-30	MY-151240
US8545884	B2	2013-10-01	US8545884
CN102056589	B	2013-09-25	CN102056589B
SG166585	B	2013-08-30	SG-166585
UA102549	C2	2013-07-25	UA-102549
MA34030	B1	2013-03-05	MA--34030
NZ589568	A	2012-08-31	NZ-589568
TN2010000557	A1	2012-05-24	TN2010000557
HK1152478	A1	2012-03-02	HK1152478
IN8598/DELNP/2010	A	2012-03-02	IN2010DN08598
JP2011522011	A	2011-07-28	JP2011522011
ZA201007805	B	2011-07-27	ZA201007805
EA201001852	A1	2011-06-30	EA201001852
VN26455	A	2011-06-27	VN--26455
US20110142929	A1	2011-06-16	US20110142929
CO6280463	A2	2011-05-20	CO6280463
CL2010001275	A1	2011-05-13	CL201001275
CN102056589	A	2011-05-11	CN102056589
EP2299971	A1	2011-03-30	EP2299971
KR20110025908	A	2011-03-14	KR20110025908
ECSP10010650	A	2011-02-28	EC201010650
IL209054	A	2011-01-31	IL-209054
SG166585	A1	2010-12-29	SG-166585
MX2010012939	A	2010-12-15	MX2010012939
AR072062	A1	2010-08-04	AR--72062
UY31867	A	2010-01-29	UY--31867
TW201000472	A	2010-01-01	TW201000472
AU2009254574	A1	2009-12-10	AU2009254574
CA2726472	A1	2009-12-10	CA2726472
WO2009/147238	A1	2009-12-10	WO2009147238

Abstract

(EP2299971)

The present invention relates to a pharmaceutical dosage form containing the active substance BIBW 2992 as the dimaleate salt, providing an immediate release profile of the active substance, further, the invention relates to compacted intermediates comprising BIBW 2992 dimaleate salt (BIBW 2992 MA2) in form of a powder prepared using a combined roller compaction and sieving step from BIBW 2992 MA2, intermediate blends prepared from said compacted intermediate as well as solid oral formulations providing an immediate release profile of the active substance, made from said compacted intermediate or from said intermediate blends ready for use/ingestion, e.g. capsule and tablet formulations such as uncoated or film-coated tablets prepared by direct-compression, and methods for their production.

Inventors

MESSERSCHMID ROMAN

FRIEDL THOMAS

Latest standardized assignees - inventors removed

BOEHRINGER INGELHEIM INTERNATIONAL

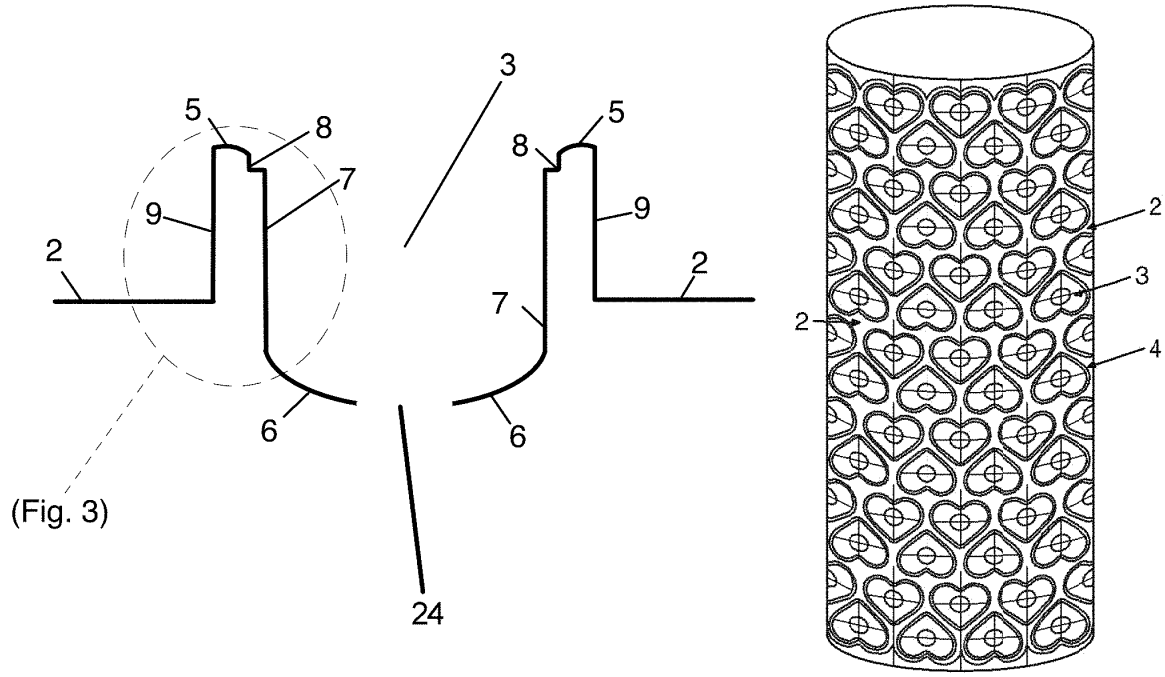
Family 79/100 - FAMPAT - ©Questel

Title

(EP3212152)

Method and apparatus for the manufacture of softgels

Images



Publication numbers with kind code & date

AU2019216651	A1	2019-09-05	AU2019216651
US20190216685	A1	2019-07-18	US20190216685
AU2015339245	B2	2019-05-16	AU2015339245
US20190117517	A1	2019-04-25	US20190117517
US10195115	B2	2019-02-05	US10195115
EP3212152	A4	2018-11-07	EP3212152
BR112017008715	A2	2018-01-30	BR112017008715
JP2017534630	A	2017-11-24	JP2017534630
US20170333289	A1	2017-11-23	US20170333289
US9795538	B2	2017-10-24	US9795538
EP3212152	A1	2017-09-06	EP3212152
KR20170076675	A	2017-07-04	KR20170076675
IN201727015002	A	2017-06-30	IN201727015002
BR112017008715	A1	2017-05-30	BR112017008715
AU2015339245	A1	2017-05-25	AU2015339245
US20160338913	A1	2016-11-24	US20160338913
US9433559	B2	2016-09-06	US9433559
CA2963895	A1	2016-05-06	CA2963895
WO2016/069848	A1	2016-05-06	WO201669848
US20160120755	A1	2016-05-05	US20160120755

Abstract

(EP3212152)

Provided is a die roll for manufacturing softgels, a softgel, and methods for producing a softgel. The die roll includes a die roll surface and a pocket defined therein. The pocket includes a floor, an interior sidewall surface, a chamfer, and an exterior sidewall surface. The floor is recessed relative to the die roll surface and the interior sidewall surface is connected to the floor and extends above the die roll surface to the chamfer. The pocket also includes a landing surface that is elevated from the die role surface and connects the chamfer to the exterior sidewall surface of the pocket. The landing surface includes a taper (such that the landing surface tapers inwardly towards the pocket floor) and a radius (such that the landing surface is not flat). Also provided is a softgel having a trailing edge thickness that is at least about 40% the

thickness of the softgel wall thickness.

Inventors

PUCKETT JOHN

Latest standardized assignees - inventors removed

BARLEANS ORGANIC OILS

Family 80/100 - FAMPAT - ©Questel

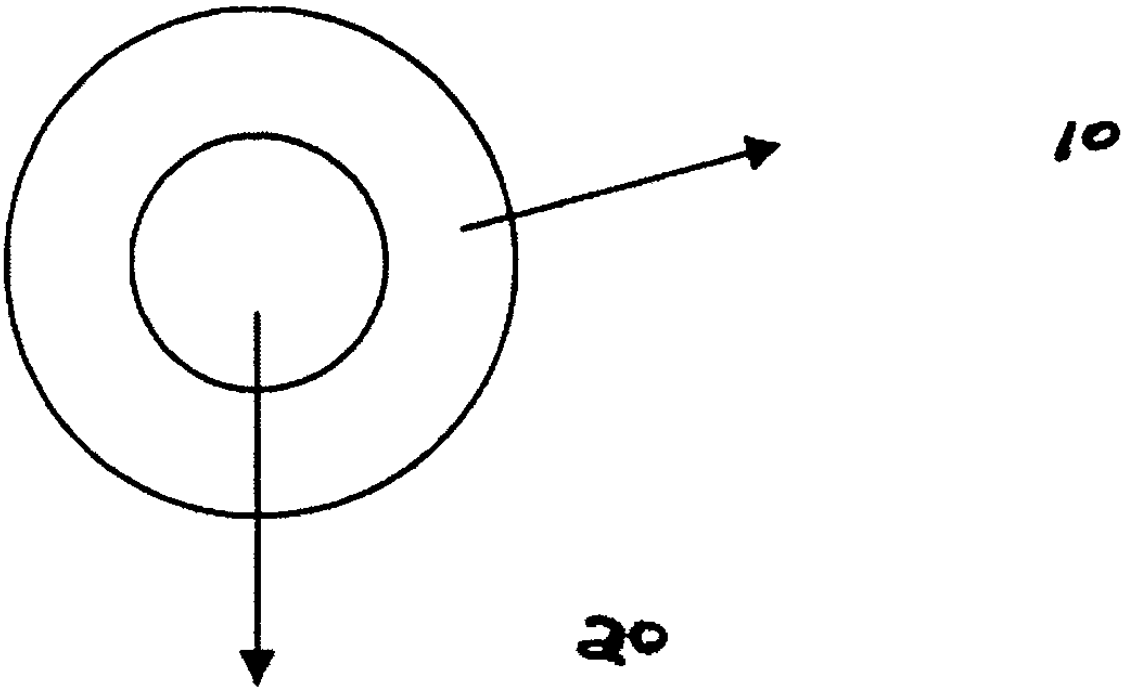
Title

(EP1533364)

Method of encapsulating a fragrance material

Images

Figure 1



Publication numbers with kind code & date

IN265274	B	2015-02-20	IN-265274
CN100574862	C	2009-12-30	CN100574862C
US7491687	B2	2009-02-17	US7491687
ES2308120	T3	2008-12-01	ES2308120
DE602004014704	D1	2008-08-14	DE602004014704
AT399846	T	2008-07-15	ATE399846
EP1533364	B1	2008-07-02	EP1533364
IN2327/DEL/2004	A	2006-09-22	IN2004DE02327

CN1689693	A	2005-11-02	CN1689693
MXPA04011520	A	2005-08-16	MX2004PA011520
BRPI0405099	A	2005-07-26	BR200405099
US20050153135	A1	2005-07-14	US20050153135
EP1533364	A3	2005-06-08	EP1533364
US20050112152	A1	2005-05-26	US20050112152
EP1533364	A2	2005-05-25	EP1533364
BRPI0405099	A1	2005-01-04	BR200405099

Abstract

(EP1533364)

The present invention is directed to encapsulated fragrance materials. The fragrance materials are comprised of high Clog P materials or high Clog P fragrance materials along with high Clog P solvent materials. The encapsulated fragrance and solvent materials can then be further coated with a second coating, preferably a cationic coating. The selective use of solvents enables the fragrance and fragrance materials to remain in the capsules for extended periods of time without leaching from the capsule. The leaching of the flavor or fragrance materials is a problem especially in products that contain a high loading of surfactant or emulsifying materials such as laundry and oral care products.

Inventors

POPPLEWELL LEWIS MICHAEL
BRAIN JOSEPH
PLUYTER JOHAN GERWIN LEDEWIJK
ZHEN YUEGIAN
LEE KAIPING DANIEL

Latest standardized assignees - inventors removed

INTERNATIONAL FLAVORS & FRAGRANCES

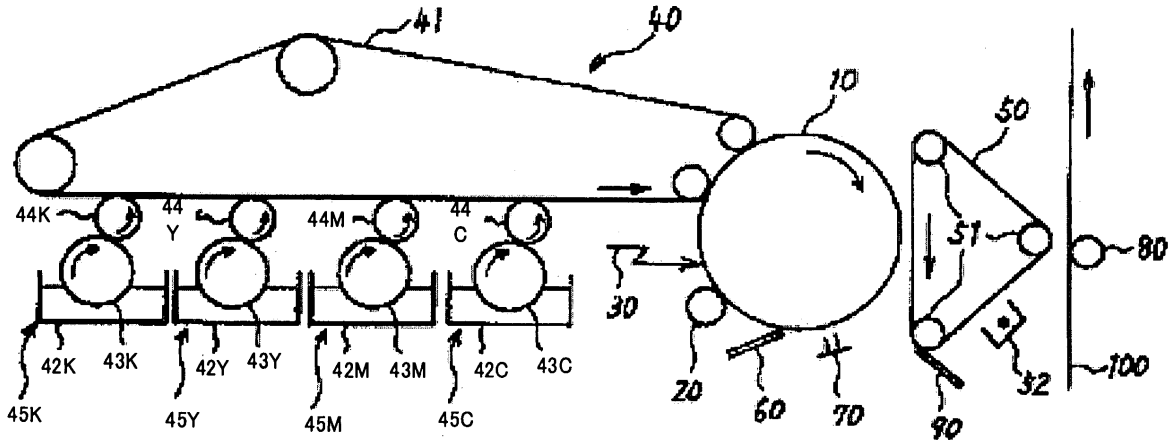
Family 81/100 - FAMPAT - ©Questel

Title

(EP1677160)

Toner for static charge image development, developer, method of forming image and image forming apparatus

Images



Publication numbers with kind code & date

IN298576	B	2018-07-06	IN-298576
BRPI0415100	B1	2018-06-26	BR200415100
EP1677160	B1	2014-01-22	EP1677160
VN0010097	B	2012-04-25	VN--10097B
CA2542131	C	2009-12-22	CA2542131
SG121385	B	2009-10-30	SG-121385

CN100514198	C	2009-07-15	CN100514198C
EP1677160	A4	2009-01-07	EP1677160
JP4070702	B2	2008-04-02	JP4070702
AU2004286470	B2	2008-02-14	AU2004286470
KR100784219	B1	2007-12-10	KR100784219
US7261989	B2	2007-08-28	US7261989
IN0954/KOLNP/2006	A	2007-04-20	IN2006KN00954
BRPI0415100	A	2006-11-28	BR200415100
CN1867868	A	2006-11-22	CN1867868
US20060240351	A1	2006-10-26	US20060240351
KR20060086393	A	2006-07-31	KR20060086393
EP1677160	A1	2006-07-05	EP1677160
MXPA06004027	A	2006-06-28	MX2006PA004027
SG121385	A1	2006-05-26	SG-121385
AU2004286470	A1	2005-05-12	AU2004286470
CA2542131	A1	2005-05-12	CA2542131
WO2005/043252	A1	2005-05-12	WO200543252
JP2005115213	A	2005-04-28	JP2005115213

Abstract

(EP1677160)

The object of the present invention is to provide a toner which has sufficiently high chargeability and less toner spent to a carrier or the like even when several tens of thousands of image sheets are output, is capable of keeping high-charge property and flowability without causing substantial background smear or toner fogging, excels in low-temperature fixing property and hot-offset property, and has a wide range of fixing temperature as well as to provide a developer, an image forming apparatus, a process cartridge, and an image forming method using the toner for developing electrostatic images. The toner of the present invention comprises a colorant, and a resin, and a fluoride compound, in which the fluoride compound exists on the surfaces of toner particles, and the atomic number ratio (F/C) of fluoride atoms to carbon atoms existing on the surfaces of the toner particles is 0.010 to 0.054.

Inventors

SUGIURA HIDEKI
MOCHIZUKI SATOSHI
IWAMOTO YASUAKI
ASAHINA YASUO
NAKAJIMA HISASHI
ICHIKAWA TOMOYUKI
NAKAYAMA SHINYA
ISHII MASAYUKI
UTSUMI TOMOKO
SAKATA KOHICHI

Latest standardized assignees - inventors removed

RICOH

Family 82/100 - FAMPAT - ©Questel

Title

(EP2921070)

Soft shell trolley suitcase

Images

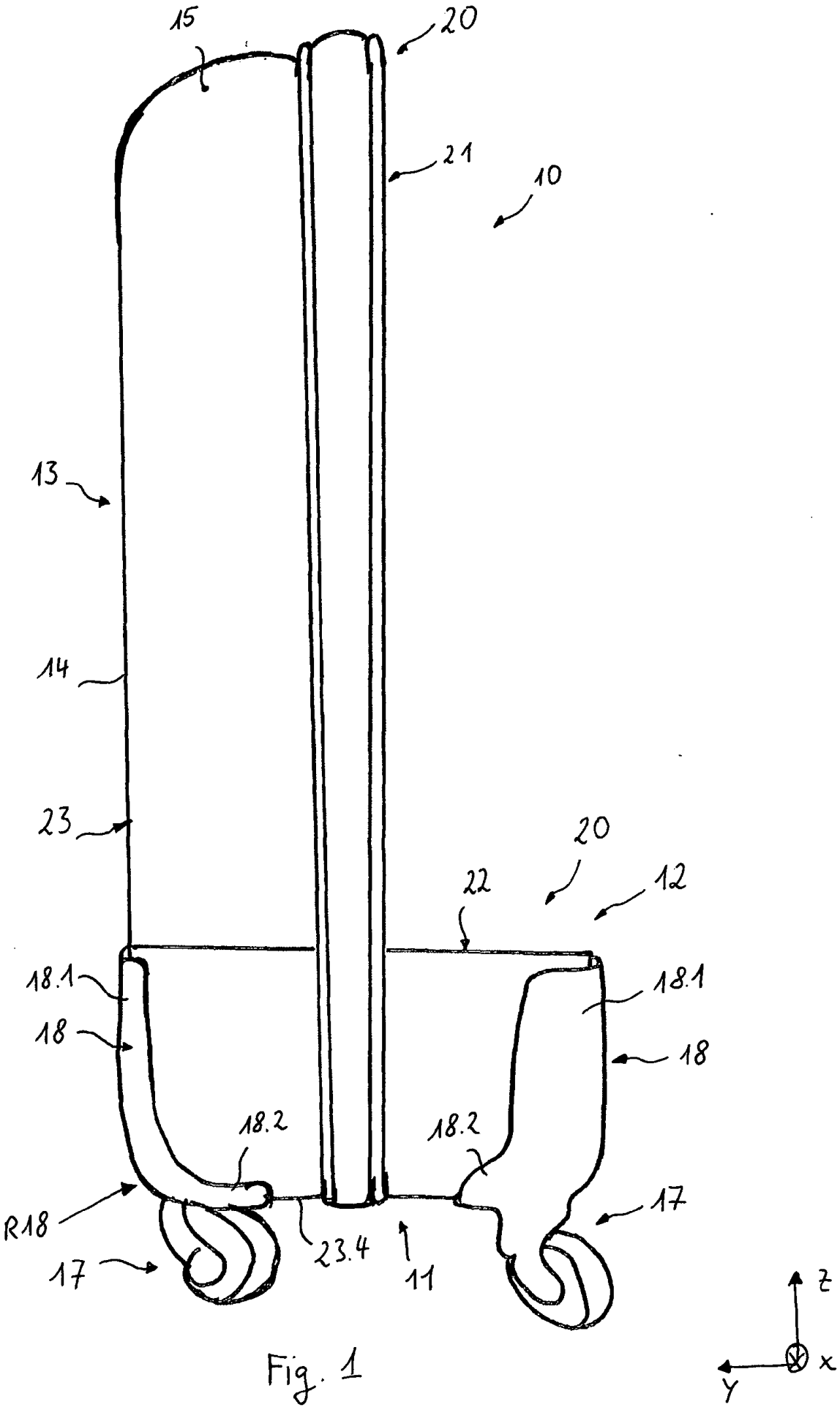


Fig. 1

Publication numbers with kind code & date

CN104921431 B 2017-05-24 CN104921431B

EP2921070	B1	2016-08-24	EP2921070
SG10201502178X	A	2015-10-29	SG10201502178X
DE102015003739	A1	2015-09-24	DE102015003739
CN104921431	A	2015-09-23	CN104921431
EP2921070	A1	2015-09-23	EP2921070

Abstract

(EP2921070)

The invention relates to a soft shell trolley suitcase (10,110,210). The suitcase is provided with a lower side (11). At the lower side, the soft shell trolley suitcase can perform rolling frontward movement, wherein the soft shell trolley suitcase comprises the components of a front component (12) and a back component (13), wherein each one of the front component and the back component forms the main side (14) of the soft shell trolley suitcase and at least partially forms a relatively narrow side (15) of the soft shell trolley suitcase, and the front component (12) and/or the back component (13) is at least formed by soft material; trolleys (17) which are arranged at the lower side, wherein the trolleys (17) are arranged and support the front component and the back component (12,13), and particularly two rollers (17) are arranged at the front component (12) and two rollers (17) are arranged at the back component (13). The soft shell trolley suitcase that is connected with the base structure on which the trolley for supporting are arranged can realize satisfactory effects at aspects of simple structure, high torsional stiffness and easy or practical control.

(From CN104921431 A)

Inventors

CHAOUCH KARIM

Latest standardized assignees - inventors removed

STRATIC LEDERWAREN JACOB BONIFER

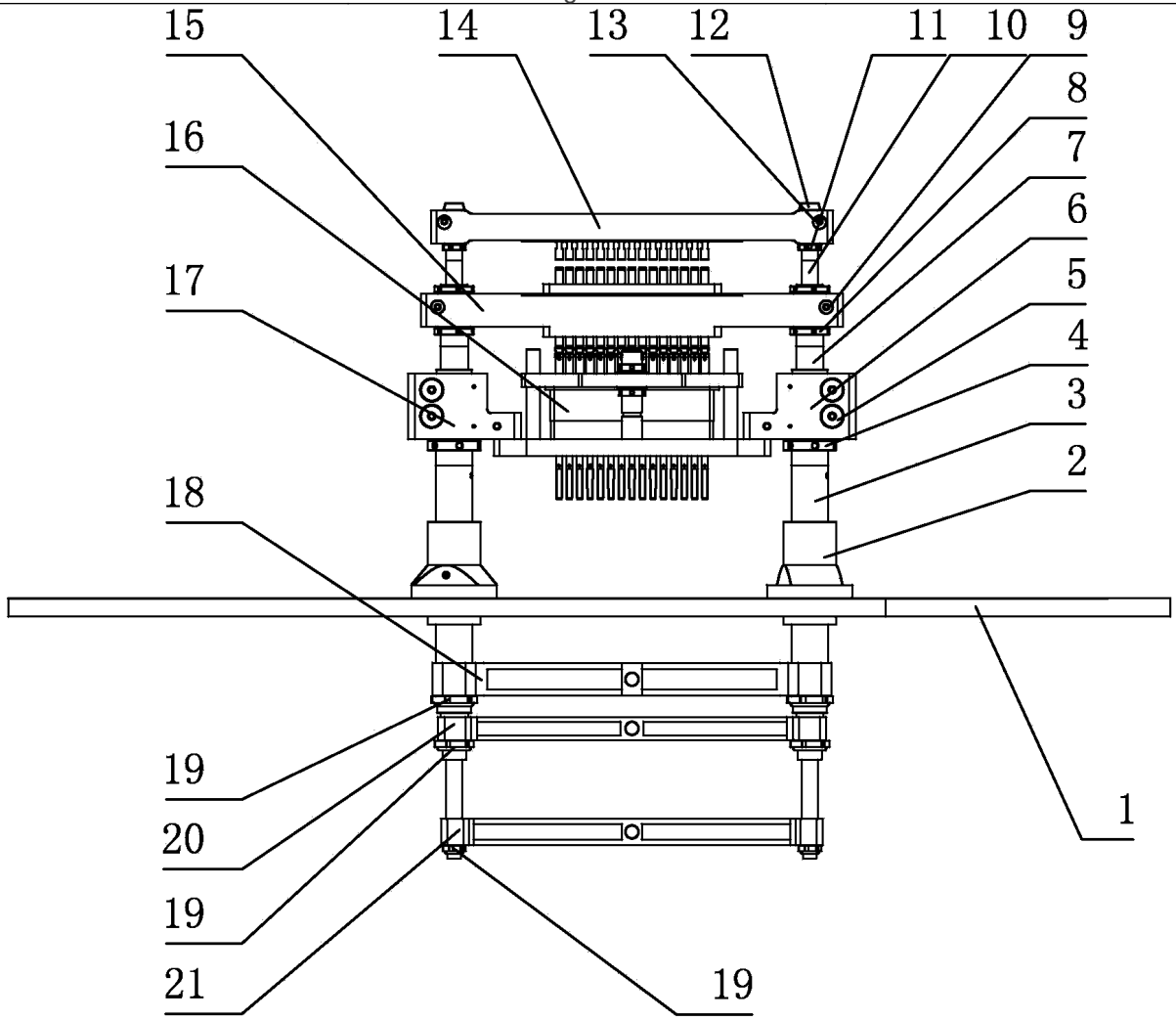
Family 83/100 - FAMPAT - ©Questel

Title

(CN203790307U)

Capsule filling device

Images



Publication numbers with kind code & date

CN203790307	U	2014-08-27	CN203790307U

Abstract

(CN203790307)

The utility model relates to a capsule filling device capable of automatically filling powder pills in capsules, and belongs to the field of pharmaceutical machinery. The capsule filling device includes a machine board, a metering device, a pre-compressing device and a discharging device, wherein two groups of metering supports arranged at an interval are mounted on the machine board; a three-stage telescopic shaft device is mounted on each metering support, and includes a metering shaft, a compressing shaft and a discharging shaft; the metering shaft is mounted in each metering support in a sliding manner; the compressing shaft is mounted in the metering shaft in a sliding manner and extends out of the metering shaft from the two ends; the discharging shaft is mounted in the compressing shaft in a sliding manner and extends out of the compressing shaft from the two ends; the metering device is mounted between the two metering shafts above the machine board; the pre-compressing device is mounted between the two compressing shafts above the machine board; the discharging device is mounted between the two discharging shafts above the machine board. The capsule filling device is simple in capsule filling, is easy to control, high in production efficiency, avoids material scattering and leakage, and saves cost.

Inventors

CAI GEN

WANG BIN

SHAO XUNXIN

WANG HUI

CHEN MINGYING

Latest standardized assignees - inventors removed

SHANDONG XINMA PHARMACEUTICAL EQUIPMENT

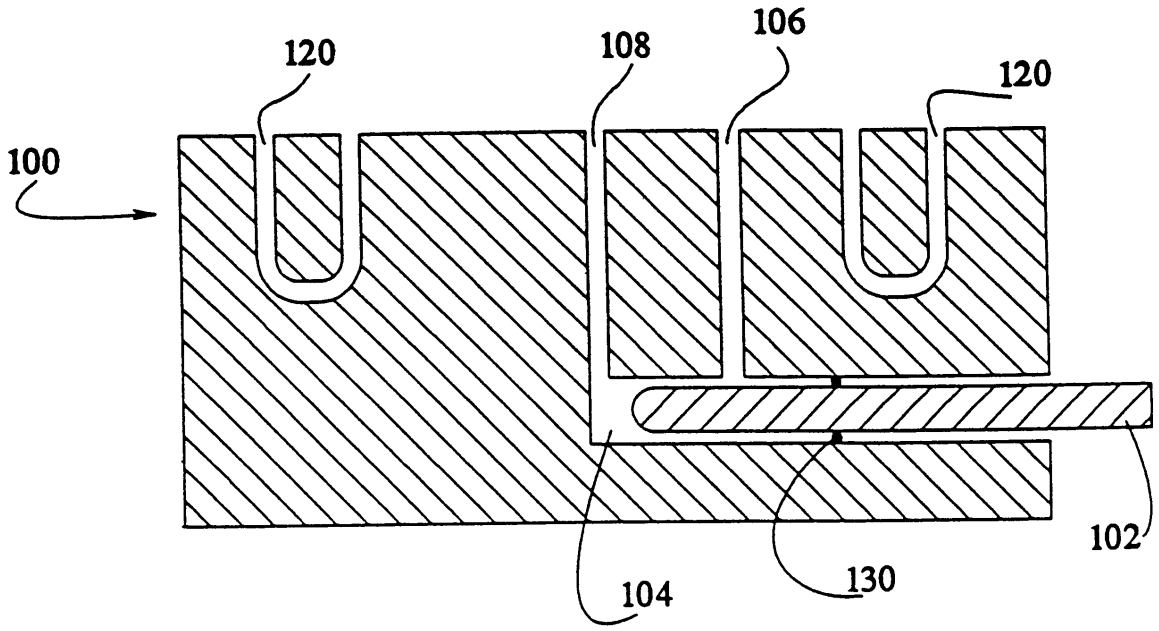
Family 84/100 - FAMPAT - ©Questel

Title

(EP-833621)

Soft gelatin capsules containing particulate material

Images



Publication numbers with kind code & date

DE69618956	T2	2002-08-22	DE69618956
ES2168481	T3	2002-06-16	ES2168481
DE69618956	D1	2002-03-14	DE69618956
AT212544	T	2002-02-15	ATE212544
EP0833621	B1	2002-01-30	EP-833621
US6217902	B1	2001-04-17	US6217902
AU718160	B2	2000-04-06	AU-718160
JPH11507667	A	1999-07-06	JP11507667
BR9608962	A	1999-06-29	BR9608962
MX9709780	A	1998-10-31	MX9709780
CN1191480	A	1998-08-26	CN1191480
EP0833621	A1	1998-04-08	EP-833621
AU6090196	A	1997-01-09	AU9660901
CA2223768	A1	1996-12-27	CA2223768
WO96/41622	A1	1996-12-27	WO9641622

Abstract

(EP0833621)

Disclosed are suspensions suitable for encapsulation in gelatin capsules, comprising a solid phase consisting of solid particles having a mean diameter of at least about 149 mu m, and a liquid phase capable of suspending the solid phase, the suspension having a predetermined rheology at a temperature suitable for encapsulation into gelatin capsules.

Inventors

TANNER KEITH E
SCHURIG GREGORY A
MORTON FRANK A
PANSARI BRIAN R
CAIN JOHN L

SHELLEY RICKEY S

WEI YOUNCHING

Latest standardized assignees - inventors removed

CATALENT USA WOODSTOCK

CATALENT USA PACKAGING

CATALENT PHARMA SOLUTIONS

CATALENT USA PAINTBALL

Family 85/100 - FAMPAT - ©Questel

Title

(US4259426)

Pressure fixable microcapsule toner and electrostatic image developing method

Publication numbers with kind code & date

JP1531888	C	1989-11-24	JP1531888
JP1453493	C	1988-08-10	JP1453493
DE2908652	C2	1988-04-07	DE2908652
JPS6261140	B2	1987-12-19	JP87061140
JP1306031	C	1986-03-13	JP1306031
JPS6029110	B2	1985-07-09	JP85029110
JPS6027977	B2	1985-07-02	JP85027977
GB2018448	B	1982-09-02	GB2018448
US4259426	A	1981-03-31	US4259426
JP55018665	A	1980-02-08	JP55018665
GB2018448	A	1979-10-17	GB2018448
DE2908652	A1	1979-09-20	DE2908652
JP54119930	A	1979-09-18	JP54119930
JP54118249	A	1979-09-13	JP54118249

Abstract

(US4259426)

A pressure fixable capsule toner encapsulated with an insulating material is featured by a main particle size located within a range from 5 to 25 mu , by a particle size distribution that at least 70% in number of the toner particles are within a size range of +/-3 mu of the main particle size, and by a relationship 0.02</=(a-b)/b</=0.4 wherein a and b respectively stand for the main particle size of the capsule toner and core material in microns.

Inventors

HASEGAWA TETSUO

KATO SHIGEO

NISHIKAWA YOSHIHIRO

Latest standardized assignees - inventors removed

MERLO ARMANDO M

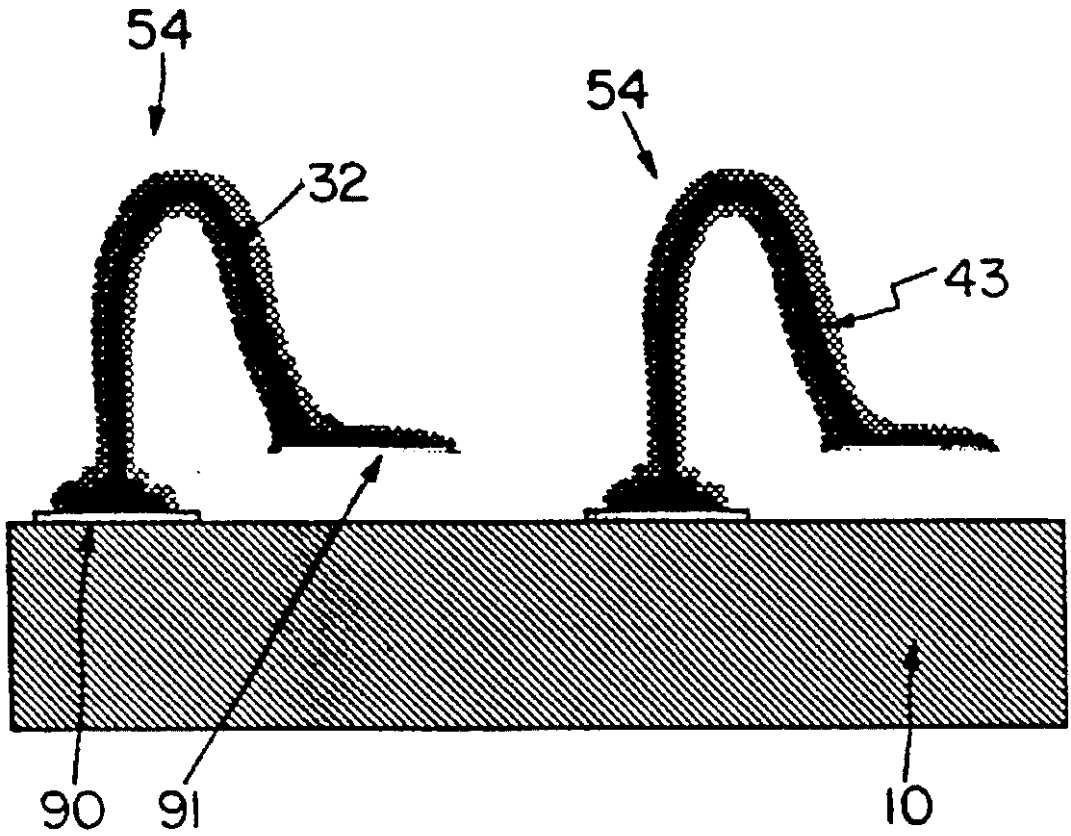
Family 86/100 - FAMPAT - ©Questel

Title

(EP-828582)

Ribbon-like core interconnection elements

Images



Publication numbers with kind code & date

JP4741626	B2	2011-08-03	JP4741626
JP2011069829	A	2011-04-07	JP2011069829
JP4598356	B2	2010-12-15	JP4598356
JP4588721	B2	2010-12-01	JP4588721
JP4540577	B2	2010-09-08	JP4540577
DE69739773	D1	2010-04-01	DE69739773
EP1321978	B1	2010-02-17	EP1321978
DE69739650	D1	2009-12-24	DE69739650
EP1482314	B1	2009-11-11	EP1482314
EP1441232	A3	2009-11-04	EP1441232
EP1468776	A3	2009-11-04	EP1468776
EP1439397	A3	2009-09-02	EP1439397
EP1262782	A3	2009-06-17	EP1262782
EP2063466	A2	2009-05-27	EP2063466
EP2058667	A2	2009-05-13	EP2058667
DE69637818	D1	2009-03-05	DE69637818
EP1610132	B1	2009-01-14	EP1610132
JP4188546	B2	2008-11-26	JP4188546
JP2008275646	A	2008-11-13	JP2008275646
EP1610375	A3	2008-11-05	EP1610375
JP4160809	B2	2008-10-08	JP4160809
JP4163922	B2	2008-10-08	JP4163922
JP4160693	B2	2008-10-01	JP4160693
JP4150695	B2	2008-09-17	JP4150695
JP2008203273	A	2008-09-04	JP2008203273
DE69535629	T2	2008-07-31	DE69535629
EP1198001	A3	2008-07-23	EP1198001
JP2008141211	A	2008-06-19	JP2008141211

JP4092361	B2	2008-05-28	JP4092361
JP4084180	B2	2008-04-30	JP4084180
JP2008046139	A	2008-02-28	JP2008046139
JP2008034861	A	2008-02-14	JP2008034861
JP2008014957	A	2008-01-24	JP2008014957
JP2007329491	A	2007-12-20	JP2007329491
DE69535629	D1	2007-12-06	DE69535629
EP0795200	B1	2007-10-24	EP-795200
JP3996172	B2	2007-10-24	JP3996172
EP1447846	A3	2007-10-17	EP1447846
EP1408338	A3	2007-09-26	EP1408338
EP1408337	A3	2007-09-19	EP1408337
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MY130558	A	2007-06-29	MY-130558
JP2007132950	A	2007-05-31	JP2007132950
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JP2007059931	A	2007-03-08	JP2007059931
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EP1659410	A3	2006-11-08	EP1659410
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KR10-0623099	B1	2006-09-13	KR100623099
CN1272632	C	2006-08-30	CN1272632C
KR10-2006-0087616	A	2006-08-02	KR20060087616
US7084656	B1	2006-08-01	US7084656
DE69635227	T2	2006-06-29	DE69635227
DE69733928	T2	2006-06-14	DE69733928
EP1610132	A3	2006-06-14	EP1610132
EP1659410	A2	2006-05-24	EP1659410
DE69635083	T2	2006-05-18	DE69635083
KR100577131	B1	2006-05-10	KR100577131
KR10-0577132	B1	2006-05-09	KR100577132
CN1251319	C	2006-04-12	CN1251319C
DE69735101	D1	2006-04-06	DE69735101
JP2006084475	A	2006-03-30	JP2006084475
JP3759622	B2	2006-03-29	JP3759622
KR10-0556638	B1	2006-03-03	KR100556638
DE69635227	D1	2006-02-09	DE69635227
EP0839321	B1	2006-01-11	EP-839321
EP1610132	A2	2005-12-28	EP1610132
EP1610375	A2	2005-12-28	EP1610375
KR10-0517256	B1	2005-12-16	KR100517256
KR10-2005-0099553	A	2005-10-13	KR20050099553
EP0886894	B1	2005-09-28	EP-886894
DE69635083	D1	2005-09-22	DE69635083
DE69733928	D1	2005-09-15	DE69733928
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DE69730395	T2	2005-09-01	DE69730395
EP0859686	B1	2005-08-17	EP-859686
EP0839322	B1	2005-08-10	EP-839322
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KR10-2005-0033664	A	2005-04-12	KR20050033664

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DE69533336	T2	2005-01-13	DE69533336
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KR10-0460471	B1	2004-12-08	KR100460471
EP1482314	A1	2004-12-01	EP1482314
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EP1447846	A2	2004-08-18	EP1447846
EP0792462	B1	2004-08-04	EP-792462
EP1441232	A2	2004-07-28	EP1441232
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EP1408337	A2	2004-04-14	EP1408337
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KR10-2004-0012977	A	2004-02-11	KR20040012977
CN1134667	C	2004-01-14	CN1134667C
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US20030062398	A1	2003-04-03	US20030062398
EP0792519	B1	2003-03-26	EP-792519

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WO97/44676	A1	1997-11-27	WO9744676
WO97/43653	A1	1997-11-20	WO9743653
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KR1997-7005177	A	1997-09-06	KR19977005177
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EP0792517	A1	1997-09-03	EP-792517
EP0792519	A1	1997-09-03	EP-792519
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WO96/37332	A1	1996-11-28	WO9637332
WO96/37333	A1	1996-11-28	WO9637333
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KR1996-7006207	A	1996-11-08	KR19967006207
KR960706207	A	1996-11-08	KR19960706207
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AU4160096	A	1996-06-06	AU9641600
AU4237696	A	1996-06-06	AU9642376
WO96/17378	A1	1996-06-06	WO9617378
WO96/16440	A1	1996-05-30	WO9616440
WO96/15458	A1	1996-05-23	WO9615458
WO96/15459	A1	1996-05-23	WO9615459
WO96/15551	A1	1996-05-23	WO9615551
TW275706	B	1996-05-11	TW-275706
US5476211	A	1995-12-19	US5476211
WO95/14314	A1	1995-05-26	WO9514314

Abstract

(EP0828582)

Interconnection elements (550) for electronic components (556), exhibiting desirable mechanical characteristics (such as resiliency), for making pressure contact(s) are formed by shaping a ribbon-like core element (552) of a soft material (such as gold or soft copper) to have a springable shape (including cantilever beam, S-shape, U-shape), and overcoating the shaped core element with a hard material (558) such as nickel and it alloys, to impart a desired spring (resilient) characteristic to the resulting composite interconnection element (550). A final overcoat of a material (220) having superior electrical qualities (e.g., electrical conductivity and/or solderability) may be applied to the composite interconnection element (200). The resulting interconnection elements (500, 550) may be mounted to a variety of electronic components.

Inventors

KHANDROS IGOR Y

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ELDRIDGE BENJAMIN N

GARY W GRUBE

GAETAN L MATHIEU

Latest standardized assignees - inventors removed

FORMFACTOR

Family 87/100 - FAMPAT - ©Questel

Title

(US2663128)

Method and machine for making capsules

Images

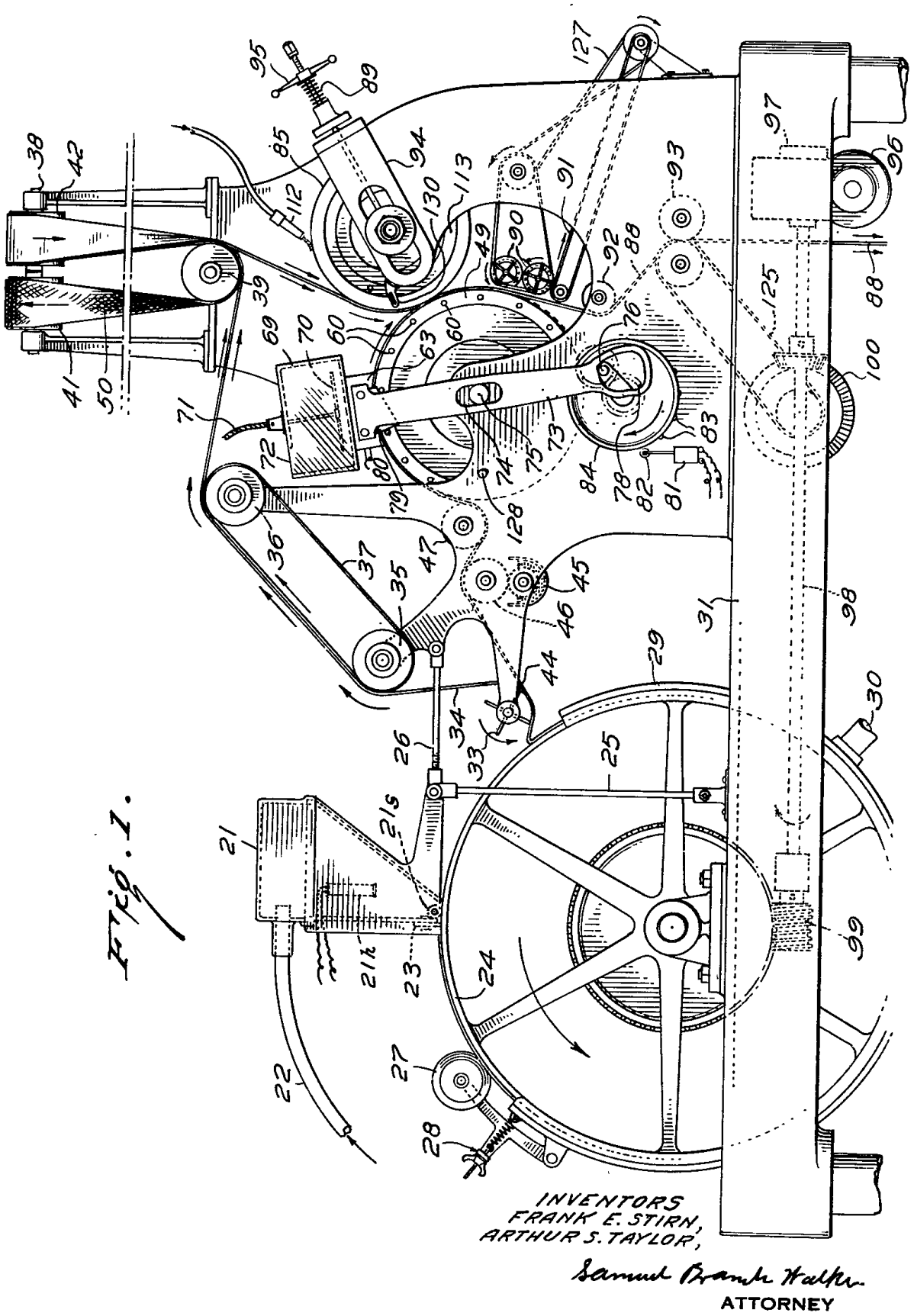


Fig. 1.

Publication numbers with kind code & date

US2774988	A	1956-12-25	US2774988
US2775267	A	1956-12-25	US2775267
US2663128	A	1953-12-22	US2663128

Inventors

STIRN FRANK E

TAYLOR ARTHUR S

Latest standardized assignees - inventors removed

AMERICAN CYANAMID

Family 88/100 - FAMPAT - ©Questel

Title

(EP1094794)

Dry-copying method for producing flat, individually dosed preparations of active agents

Images

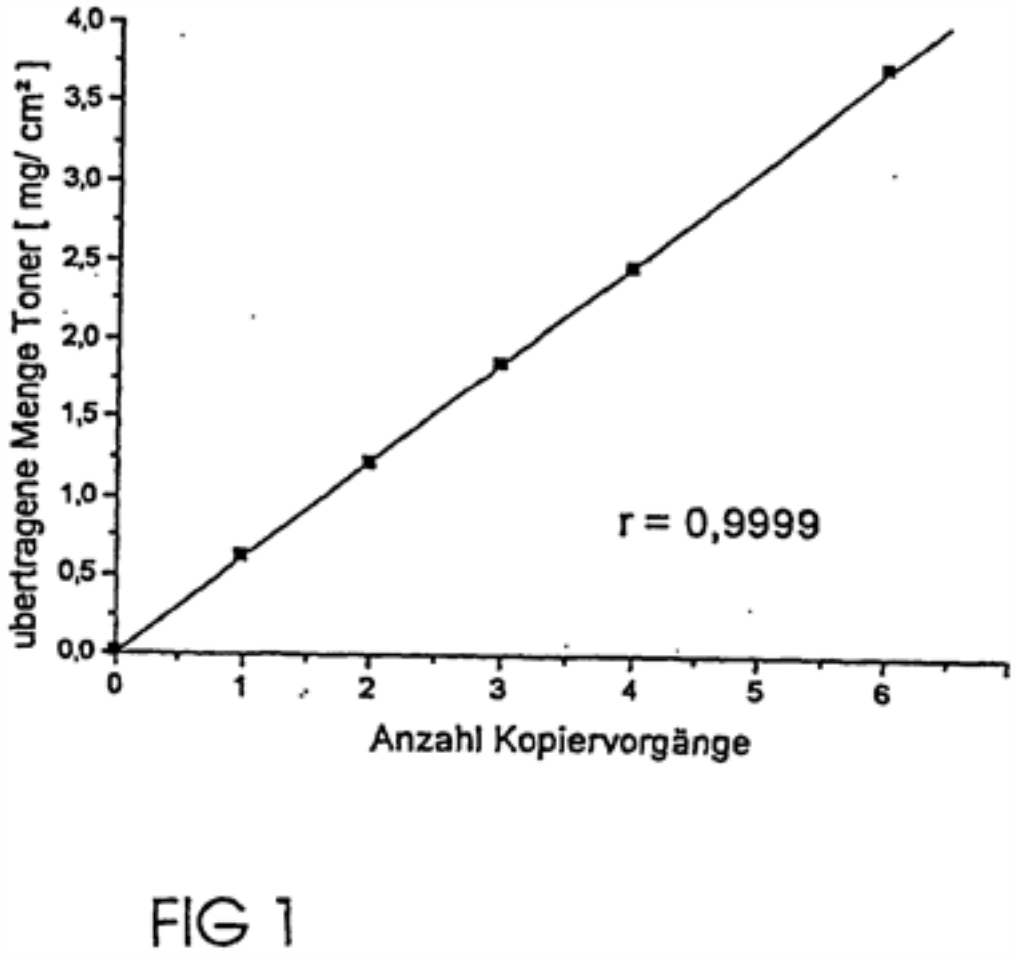


FIG 1

Publication numbers with kind code & date

JP4252215	B2	2009-04-08	JP4252215
IL140745	B	2007-05-15	IL-140745
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ES2214035	T3	2004-09-01	ES2214035
DK1094794	T3	2004-03-29	DK1094794T
DE59908117	D1	2004-01-29	DE59908117
AT256459	T	2004-01-15	ATE256459
EP1094794	B1	2003-12-17	EP1094794
AU750142	B2	2002-07-11	AU-750142
JP2002520266	A	2002-07-09	JP2002520266
HU0104919	A2	2002-04-29	HU200104919
IL140745	A	2002-02-10	IL-140745
CN1308524	A	2001-08-15	CN1308524
KR2001-0074643	A	2001-08-04	KR20010074643
EP1094794	A2	2001-05-02	EP1094794
BR9911961	A	2001-03-27	BR9911961

WO00/02533	A3	2000-02-17	WO200002533
AU4905599	A	2000-02-01	AU9949055
CA2336713	A1	2000-01-20	CA2336713
WO00/02533	A2	2000-01-20	WO200002533
DE19830650	C1	1999-08-12	DE19830650

Abstract

(EP1094794)

The invention relates to a method for dosing active agents in powder form onto a given surface. The method is characterised in that the active agent is transferred onto a roller in the form of an electrically charged powder, said roller having an opposite electric charge, in that the active agent transferred to the roller is then transferred onto a flat substrate with the opposite electric charge to the active agent and in that the active agent transferred onto the substrate is fixed by means of heat treatment.

Inventors

MUELLER WALTER

Latest standardized assignees - inventors removed

LTS LOHMANN THERAPIE SYSTEME

Family 89/100 - FAMPAT - ©Questel

Title

(EP-705931)

Nonwoven of mixed electret fibres with improved charge stability, method of production and its use

Publication numbers with kind code & date

DK0705931	T3	2000-05-01	DK-705931T
ES2131733	T3	1999-08-01	ES2131733
DE59505363	D1	1999-04-22	DE59505363
EP0705931	B1	1999-03-17	EP-705931
US5726107	A	1998-03-10	US5726107
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KR960007867	A	1996-03-22	KR19960007867
JP08074163	A	1996-03-19	JP08074163
FI954033	A	1996-03-02	FI9504033
NO953381	L	1996-03-01	NO-953381
NO953381	D0	1995-08-29	NO9503381
FI954033	A0	1995-08-28	FI9504033
DE9414040	U1	1995-01-19	DE9414040

Abstract

(EP0705931)

A non-woven fabric of electret fibres is predominantly made of a fibre-forming polymer or polycondensate and 0.01-30, pref. 0.01-10, and esp. 0.1-5, wt.% of an organic or organometallic charge control agent. The fabric contains ≥ 2 sorts of electret fibres which are made from different materials. Also claims dust filters and dust wiping cloth made from the non-woven fabric; and the use of the non-woven fabric in fire dust filters and in dust wiping cloths.

Inventors

DAHRINGER JOERG

ALBERS ERNST-AUGUST DR

GROH WERNER DR

HEYER ACHIM

Latest standardized assignees - inventors removed

TREVIRA

Family 90/100 - FAMPAT - ©Questel

Title

(EP1507165)

Encapsulated electrophoretic displays and method of manufacturing the same

Images

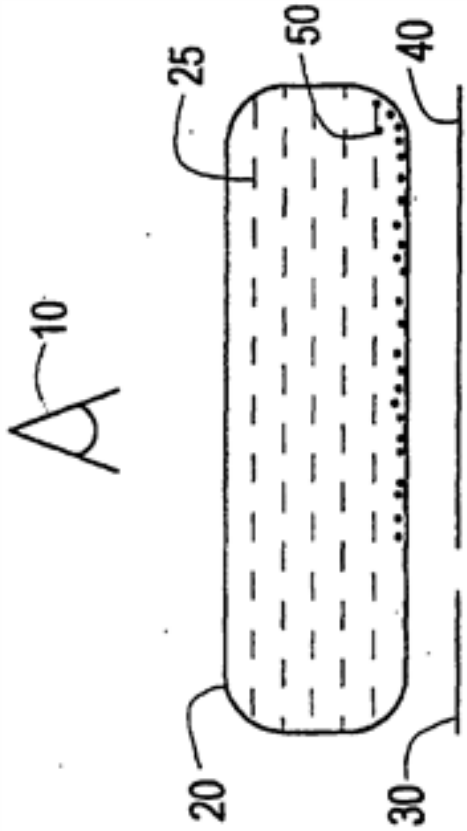


FIG. 1B

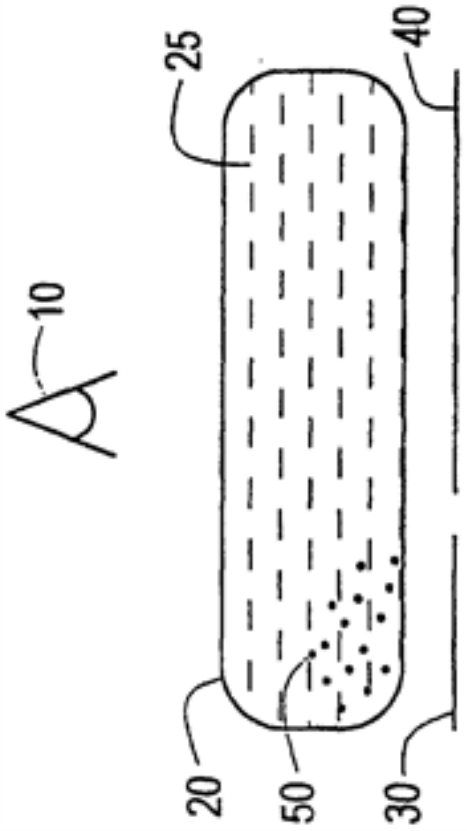


FIG. 1A

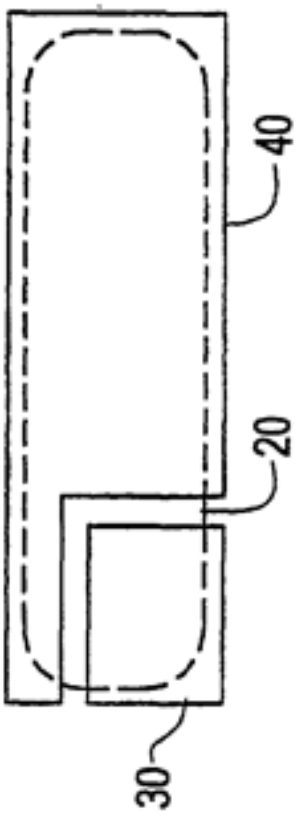


FIG 1C

Publication numbers with kind code & date

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JP5908048	B2	2016-04-26	JP5908048
JP2015232736	A	2015-12-24	JP2015232736
EP1335211	B1	2015-06-03	EP1335211
JP2015028665	A	2015-02-12	JP2015028665
JP2014160283	A	2014-09-04	JP2014160283
JP2014160284	A	2014-09-04	JP2014160284
JP2014142668	A	2014-08-07	JP2014142668
JP5560294	B2	2014-07-23	JP5560294
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WO99/10768	A1	1999-03-04	WO9910768
WO99/10769	A1	1999-03-04	WO9910769

Abstract

(EP1507165)

Novel addressing schemes for controlling electronically addressable displays include a scheme for rear-addressing displays, which allows for in-plane switching of the display material. Other schemes include a rear-addressing scheme which uses a retroreflecting surface to enable greater viewing angle and contrast. Another scheme includes an electrode structure that facilitates manufacture and control of a color display. Another electrode structure facilitates addressing a display using an electrostatic stylus. Methods of using the disclosed electrode structures are also disclosed. Another scheme includes devices combining display materials with silicon transistor addressing structures.

Inventors

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JACOBSON JOSEPH M

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Latest standardized assignees - inventors removed

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Family 91/100 - FAMPAT - ©Questel

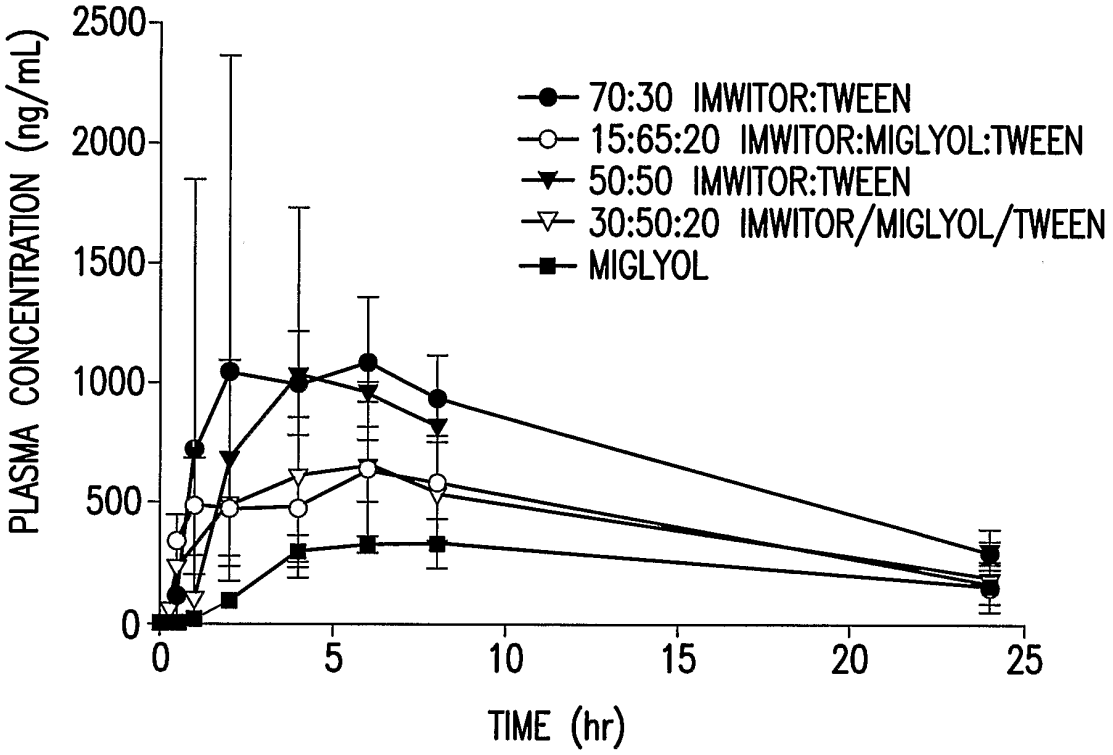
Title

(EP1817012)

Liquid and semi-solid pharmaceutical formulations for oral administration of a substituted amide

Images

MEAN PLASMA CONCENTRATION *vs.* TIME CURVES AFTER ORAL ADMINISTRATION OF 50 mg COMPOUND I IN LIQUID-FILLED GELATIN CAPSULES TO MAKE RHESUS MONKEYS (mean +/- SD)



Publication numbers with kind code & date

RU2007123366	A	2008-12-27	RU2007123366
BRPI0518484	A2	2008-11-18	BR200518484
ZA200703532	B	2008-09-25	ZA200703532
JP2008521807	A	2008-06-26	JP2008521807
US20070298099	A1	2007-12-27	US20070298099
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IL183309	A	2007-09-20	IL-183309
MX2007006183	A	2007-09-11	MX2007006183
IN2067/CHENP/2007	A	2007-09-07	IN2007CN02067
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WO2006/057903	A3	2006-07-20	WO200657903
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WO2006/057903	A2	2006-06-01	WO200657903

Abstract

(EP1817012)

N-[1S,

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Latest standardized assignees - inventors removed

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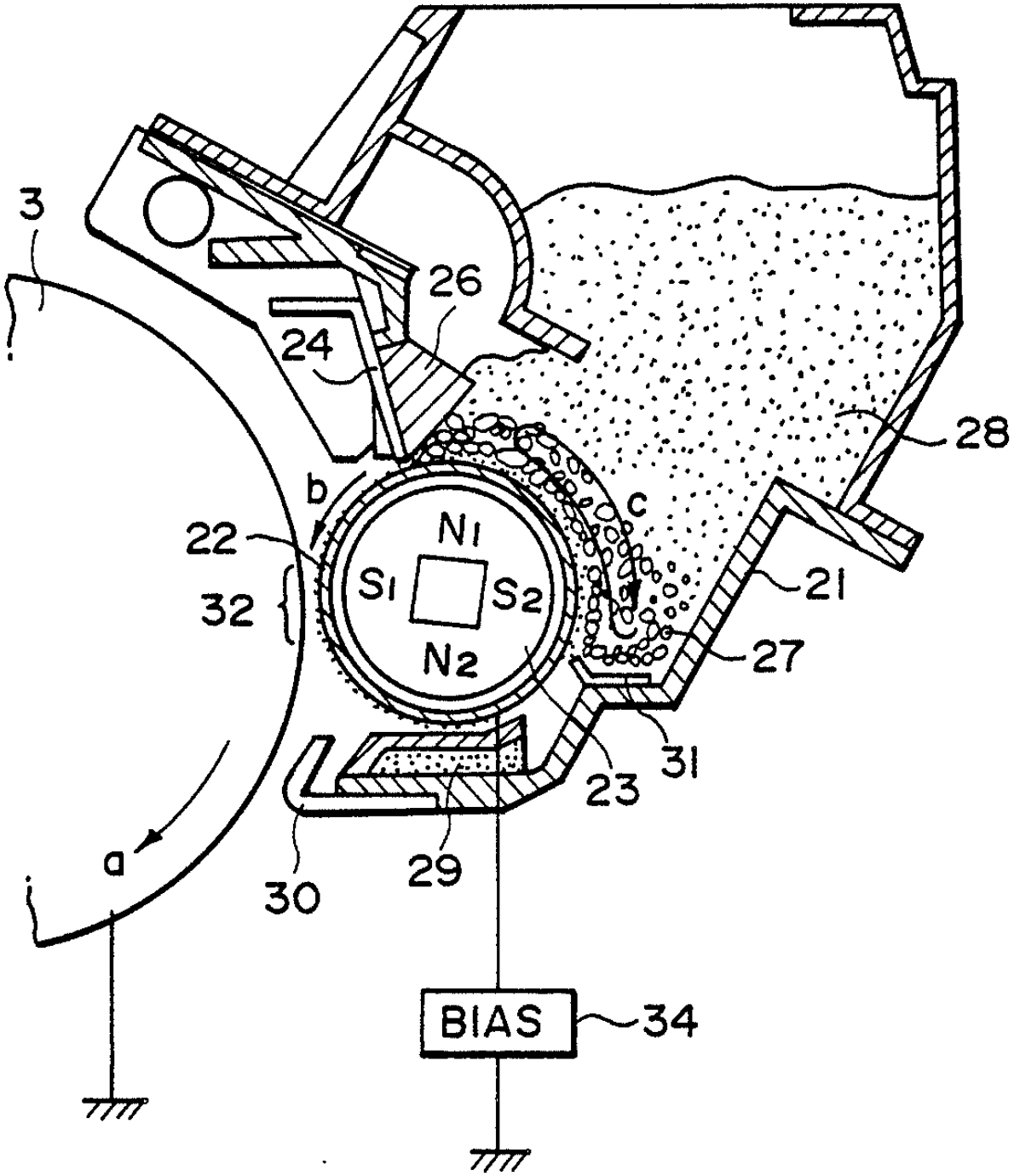
Family 92/100 - FAMPAT - ©Questel

Title

(EP-261686)

Process for producing encapsulated toner.

Images



Publication numbers with kind code & date

JP2109210	C	1996-11-21	JP2109210
JP2103208	C	1996-10-22	JP2103208
JP8014711	B2	1996-02-14	JP96014711
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JP63080265	A	1988-04-11	JP63080265
EP0261686	A1	1988-03-30	EP-261686

Abstract

(EP0261686)

An encapsulated toner (28) for electrophotography is produced through a process, comprising: preparing a solution of a shell material resin set to an acidic (or basic) pH region; dispersing solid core particles in the solution to form a dispersion; changing the pH of the dispersion to a pH region, which is preferably a basic (or acidic) pH region, where the shell material resin is precipitated from the dispersion; and coating the solid core particles with the precipitated shell material resin. The shell material is preferably a proton-attracting basic (or dissociative acidic) vinyl-type copolymer and is dissolved in a pH-adjusted aqueous medium comprising water and a polar solvent, such as a lower alcohol. Thus, an encapsulated toner with excellent triboelectric chargeability and environmental characteristic is prepared without coalescence of capsules or formation of free shells.

Inventors

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Latest standardized assignees - inventors removed

CANON

Family 93/100 - FAMPAT - ©Questel

Title

(EP2382986)

Vaccine against streptococcus pneumoniae

Images

Publication numbers with kind code & date

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HK1118477	A1	2009-02-13	HK1118477
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IN2571/KOLNP/2008	A	2009-01-30	IN2008KN02571
IN2573/KOLNP/2008	A	2009-01-30	IN2008KN02573
IN2601/KOLNP/2008	A	2009-01-23	IN2008KN02601
IN2608/KOLNP/2008	A	2009-01-23	IN2008KN02608
US20090017059	A1	2009-01-15	US20090017059
US20090017072	A1	2009-01-15	US20090017072
US20090010959	A1	2009-01-08	US20090010959
EA200801307	A1	2008-12-30	EA200801307
EA200801344	A1	2008-12-30	EA200801344
EA200801367	A1	2008-12-30	EA200801367
EA200801374	A1	2008-12-30	EA200801374
IL191703	A	2008-12-29	IL-191703
IL191911	A	2008-12-29	IL-191911
IL192084	A	2008-12-29	IL-192084
CN101330924	A	2008-12-24	CN101330924
MA30023	B1	2008-12-01	MA--30023
MA30062	B1	2008-12-01	MA--30062
MA30065	B1	2008-12-01	MA--30065
MA30066	B1	2008-12-01	MA--30066
US20080279926	A1	2008-11-13	US20080279926
AU2008240761	A1	2008-10-30	AU2008240761
CA2683075	A1	2008-10-30	CA2683075
WO2008/128939	A1	2008-10-30	WO2008128939
EP1973564	A2	2008-10-01	EP1973564
MX2008008140	A	2008-09-24	MX2008008140
CR10101	A	2008-09-22	CR--10101
NO20082647	A	2008-09-18	NO200802647
NO20082647	L	2008-09-18	NO20082647
NO20190104	A1	2008-09-18	NO20190104
EP1968631	A2	2008-09-17	EP1968631
NO20082646	A	2008-09-16	NO200802646
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KR10-2008-0081060	A	2008-09-05	KR20080081060
KR10-2008-0081061	A	2008-09-05	KR20080081061
KR10-2008-0081063	A	2008-09-05	KR20080081063
WO2007/071710	A8	2008-09-04	WO200771710
EP1962899	A2	2008-09-03	EP1962899
KR10-2008-0079312	A	2008-08-29	KR20080079312
EP1959992	A2	2008-08-27	EP1959992
CR10118	A	2008-08-21	CR--10118
CR10122	A	2008-08-21	CR--10122
CR10119	A	2008-07-29	CR--10119

SG143440	A1	2008-07-29	SG-143440
SG143441	A1	2008-07-29	SG-143441
SG143593	A1	2008-07-29	SG-143593
SG142872	A1	2008-06-27	SG-142872
AU2007306381	A1	2008-04-17	AU2007306381
CA2664619	A1	2008-04-17	CA2664619
WO2008/043774	A1	2008-04-17	WO200843774
AR058706	A1	2008-02-20	AR--58706
AR058707	A1	2008-02-20	AR--58707
AR058543	A1	2008-02-13	AR--58543
AR058592	A1	2008-02-13	AR--58592
PE20071305	A1	2007-12-14	PE130502007
WO2007/071710	A3	2007-11-29	WO200771710
WO2007/071711	A3	2007-11-08	WO200771711
TW200738257	A	2007-10-16	TW200738257
TW200738258	A	2007-10-16	TW200738258
TW200738260	A	2007-10-16	TW200738260
WO2007/071707	A3	2007-09-13	WO200771707
TW200730189	A	2007-08-16	TW200730189
WO2007/068907	A3	2007-08-09	WO200768907
AU2006327036	A1	2007-06-28	AU2006327036
AU2006327040	A1	2007-06-28	AU2006327040
AU2006327041	A1	2007-06-28	AU2006327041
CA2633772	A1	2007-06-28	CA2633772
CA2634885	A1	2007-06-28	CA2634885
CA2634887	A1	2007-06-28	CA2634887
CA2808919	A1	2007-06-28	CA2808919
CA2816182	A1	2007-06-28	CA2816182
WO2007/071707	A2	2007-06-28	WO200771707
WO2007/071710	A2	2007-06-28	WO200771710
WO2007/071711	A2	2007-06-28	WO200771711
AU2006325377	A1	2007-06-21	AU2006325377
CA2633008	A1	2007-06-21	CA2633008
WO2007/068907	A2	2007-06-21	WO200768907
GB0620336	D0	2006-11-22	GB200620336
GB0525321	D0	2006-01-18	GB200525321

Abstract

(EP2382986)

The present invention discloses an immunogenic composition comprising S. pneumoniae capsular saccharide conjugates from serotypes 19A and 19F wherein 19A is conjugated to a first bacterial toxoid and 19F is conjugated to a second bacterial toxoid. Vaccines, methods of making vaccines and uses of the vaccines are also described.

Inventors

BIEMANS RALPH LEON

GARCON NATHALIE MARIE-JOSEPHE

HERMAND PHILIPPE VINCENT

POOLMAN JAN

VAN MECHELEN MARCELLE PAULETTE

Latest standardized assignees - inventors removed

GLAXOSMITHKLINE BIOLOGICALS

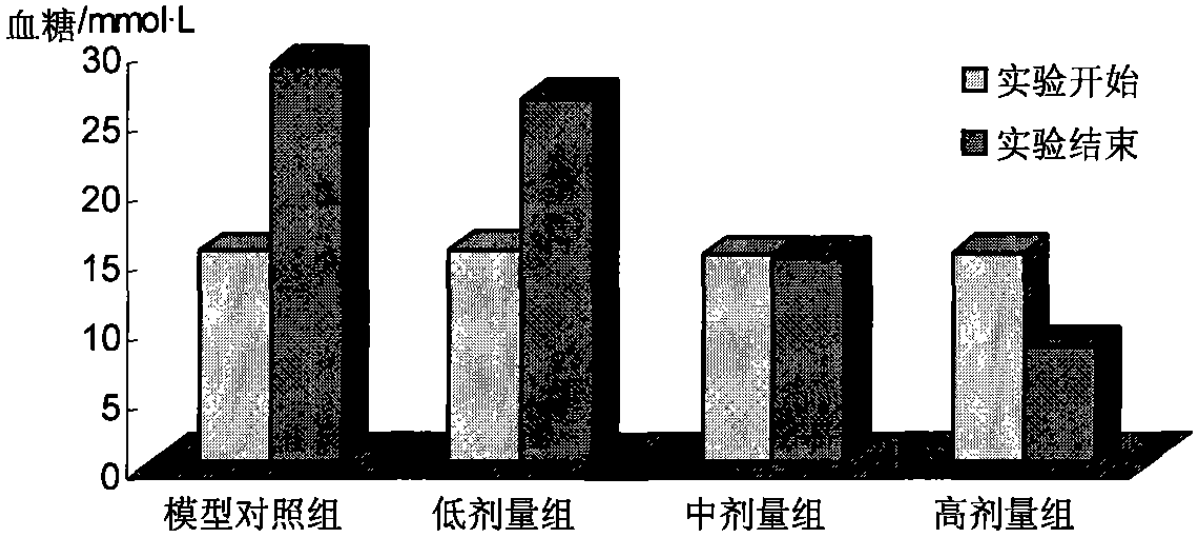
Family 94/100 - FAMPAT - ©Questel

Title

(CN101664180B)

Health-care nutritional complexing agent with health effect and preparation method thereof

Images



Publication numbers with kind code & date

CN101664180	B	2013-04-17	CN101664180B
CN101664180	A	2010-03-10	CN101664180

Abstract

(CN101664180)

The invention provides a nutritional complexing agent with the functions of lowering blood sugar, resisting oxidation and lowering blood fat and a preparation method thereof, in particular to a nutritional complexing agent taking Jew's-ear, hericium erinaceus and bee pollen as main raw materials and further containing Japanese stone pine kernel. By scientific matching and an extraction technique, the effective components of the raw materials are extracted and then health-care nutritional solid medicinal granules or soft capsules are prepared. Experiments show that the nutritional complexing agent has the favorable functions of lowering blood sugar, resisting oxidation and lowering blood fat.

Inventors

ZHANG YONGFU

Family 95/100 - FAMPAT - ©Questel

Title

(EP1951232)

Methods of reducing alcohol-induced dose dumping for opioid sustained release oral dosage forms

Images

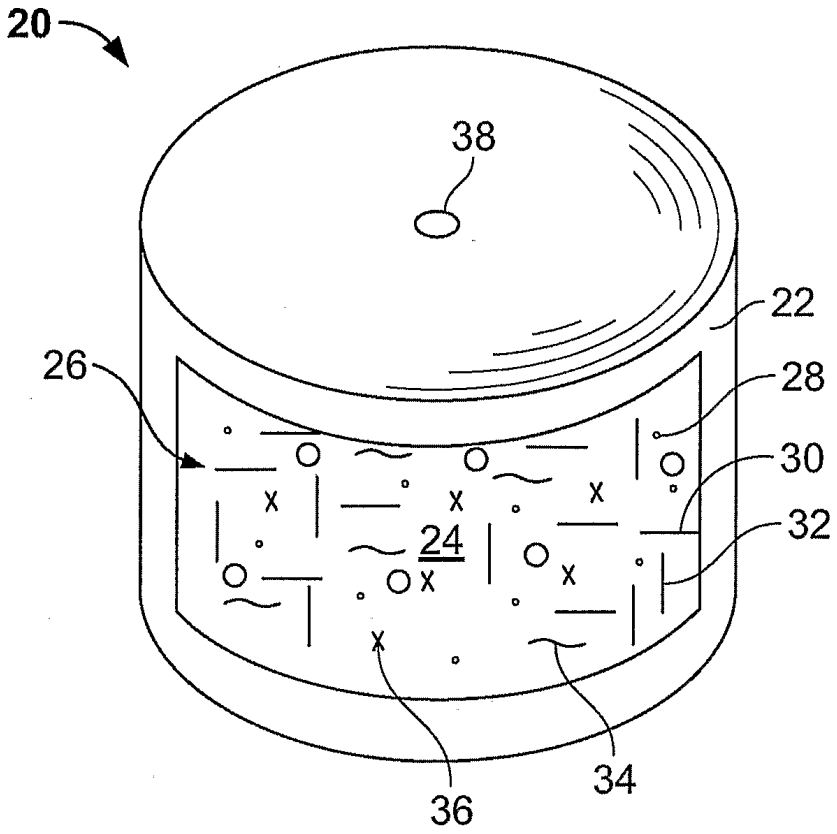


FIG. 1

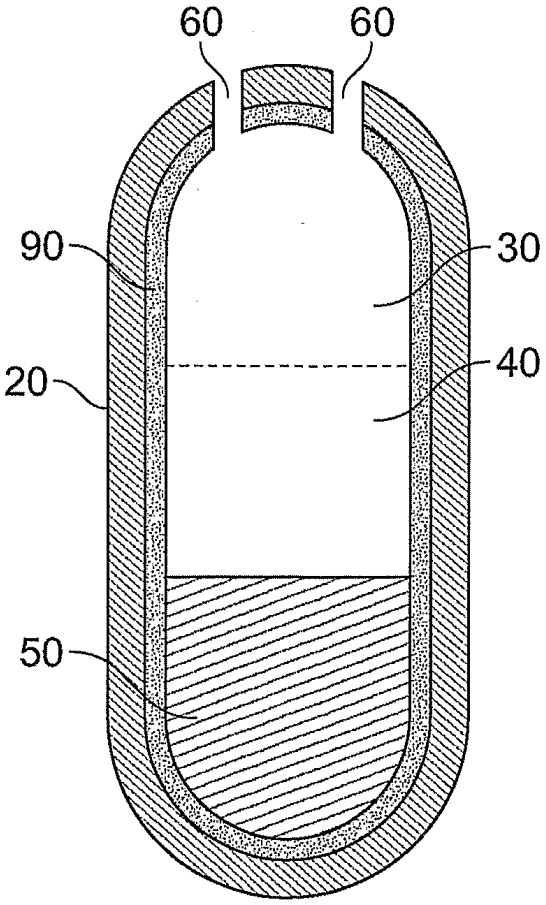


FIG. 2

Publication numbers with kind code & date

CY1113899	T1	2016-07-27	CY1113899
AU2006308718	C1	2015-12-24	AU2006308718
AU2006308718	C8	2015-12-24	AU2006308718
AU2006308718	C1	2015-10-08	AU2006308718
CN103800300	A	2014-05-21	CN103800300
KR10-1365031	B1	2014-02-21	KR101365031
JP5315055	B2	2013-10-16	JP5315055
PL1951232	T3	2013-09-30	PL1951232
CN1957909	B	2013-09-11	CN1957909B
SI1951232	T1	2013-06-28	SI1951232T
PT1951232	E	2013-05-13	PT1951232
ES2402666	T3	2013-05-07	ES2402666
DK1951232	T3	2013-05-06	DK1951232T
EP1951232	B1	2013-04-03	EP1951232
AU2006308718	B2	2013-01-10	AU2006308718
ZA200804734	B	2009-11-25	ZA200804734
US20090221621	A1	2009-09-03	US20090221621
BE1017786	A3	2009-07-07	BE1017786
AT10511	U1	2009-05-15	AT--10511U
JP2009513717	A	2009-04-02	JP2009513717
EP1951232	A4	2009-03-11	EP1951232
BG1145	U1	2009-02-27	BG---1145U
CN101351202	A	2009-01-21	CN101351202
HK1115070	A1	2008-11-21	HK1115070
EP1951232	A2	2008-08-06	EP1951232
NO20082460	L	2008-07-30	NO20082460
KR10-2008-0064198	A	2008-07-08	KR20080064198
DK200600272	U4	2008-06-13	DK200600272U
HU0600816	A2	2008-05-28	HU200600816
HK1106451	A1	2008-03-14	HK1106451
FR2892634	B3	2007-09-14	FR2892634
CZ17801	U1	2007-09-12	CZ--17801U
WO2007/053698	A3	2007-06-28	WO200753698
ES1064414	Y	2007-06-16	ES1064414Y
PT103597	A	2007-05-31	PT-103597
IES20060793	A2	2007-05-30	IES200600793
FI7512	U1	2007-05-25	FI---7512U
AU2006308718	A1	2007-05-10	AU2006308718
WO2007/053698	A2	2007-05-10	WO200753698
CN1957909	A	2007-05-09	CN1957909
FR2892634	A3	2007-05-04	FR2892634
NL1032774	C1	2007-05-02	NL1032774
NO20064997	L	2007-05-02	NO20064997
PL116330	U1	2007-04-02	PL2006116330U
ES1064414	U	2007-03-16	ES1064414U
DK200600272	U1	2007-02-23	DK200600272U
DE202006014131	U1	2007-01-04	DE202006014131
HU0600816	D0	2006-12-28	HU200600816
FIU20060451	U0	2006-10-30	FI200600451U

Abstract

(EP1951232)

Disclosed are methods of sustained release administration of opioids, including but not limited to hydromorphone and oxycodone, that exhibit improved properties with respect to co-ingestion with aqueous alcohol.

Inventors

SATHYAN GAYTRI

DAVAR NIPUN

HASTEDT JAYNE

PORS LINDA

CASADEVALL GEMMA

CRUZ EVANGELINE

Latest standardized assignees - inventors removed

ALZA

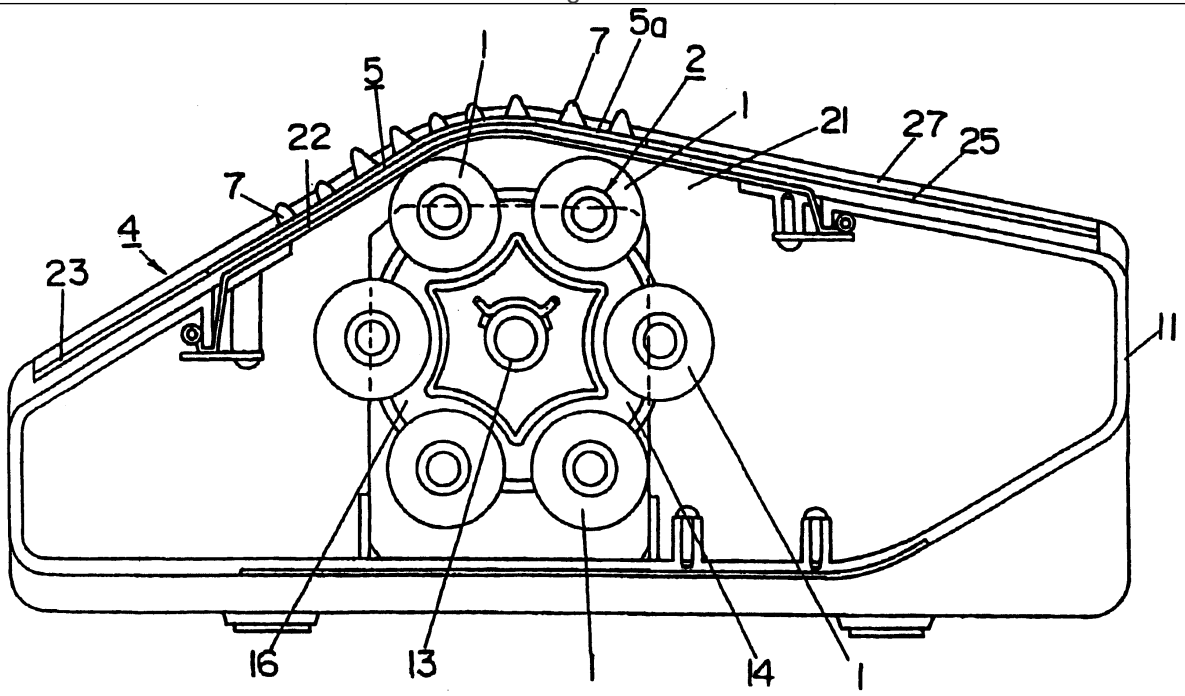
Family 96/100 - FAMPAT - ©Questel

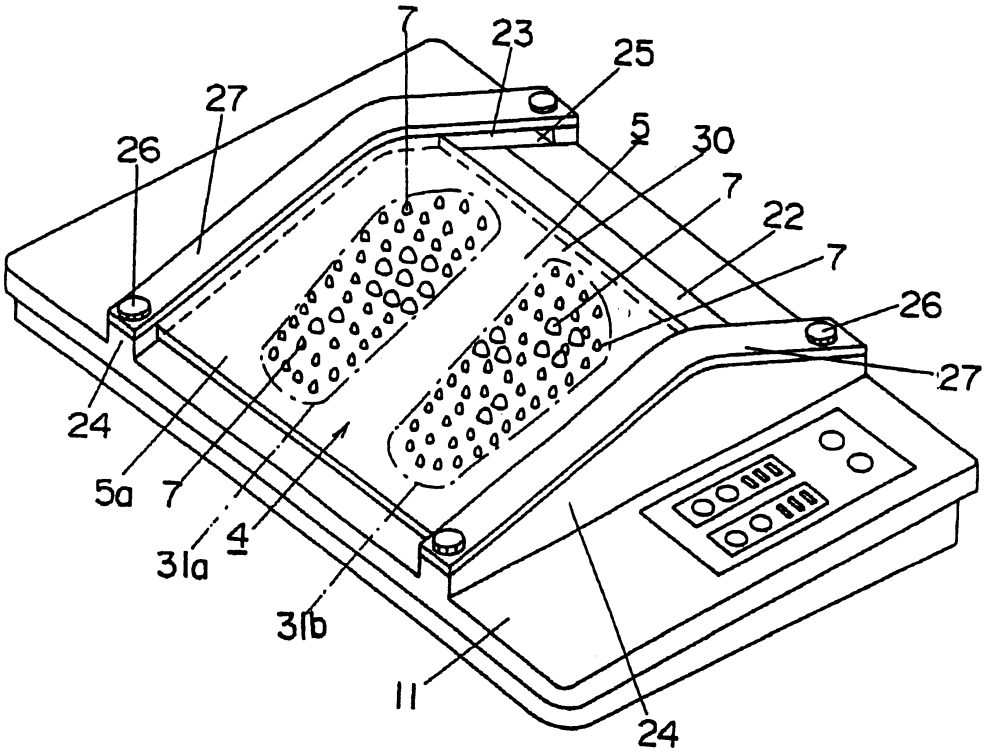
Title

(US6210349)

Roller massaging apparatus

Images





Publication numbers with kind code & date

JP3783340	B2	2006-06-07	JP3783340
DE19747363	C2	2003-06-26	DE19747363
TW485811	U	2002-05-01	TW-485811U
US6210349	B1	2001-04-03	US6210349
KR10-0263782	B1	2000-08-16	KR100263782
KR1998-033189	A	1998-07-25	KR19980033189
JP10179668	A	1998-07-07	JP10179668
DE19747363	A1	1998-04-30	DE19747363

Abstract

(US6210349)

A roller massaging apparatus includes a massaging portion having a plurality of bar-shaped rotatable rollers. The rollers are circumferentially mounted to the massaging portion at a certain interval. The roller massaging apparatus also includes a driving mechanism for rotating the massaging portion around an axis thereof and a stimulating member disposed at an

upper side of the massaging portion. The stimulating member is pushed up by the rollers. A mutual positional relationship between the massaging portion and the stimulating member is changed by moving as least one of the massaging portion and the stimulating member.

Inventors

NARUSE HARUHIKO
HATA KEIJI
MIYAKE YOSHIYUKI
HASEGAWA TOYOHITO
ITO MIKIO

Latest standardized assignees - inventors removed

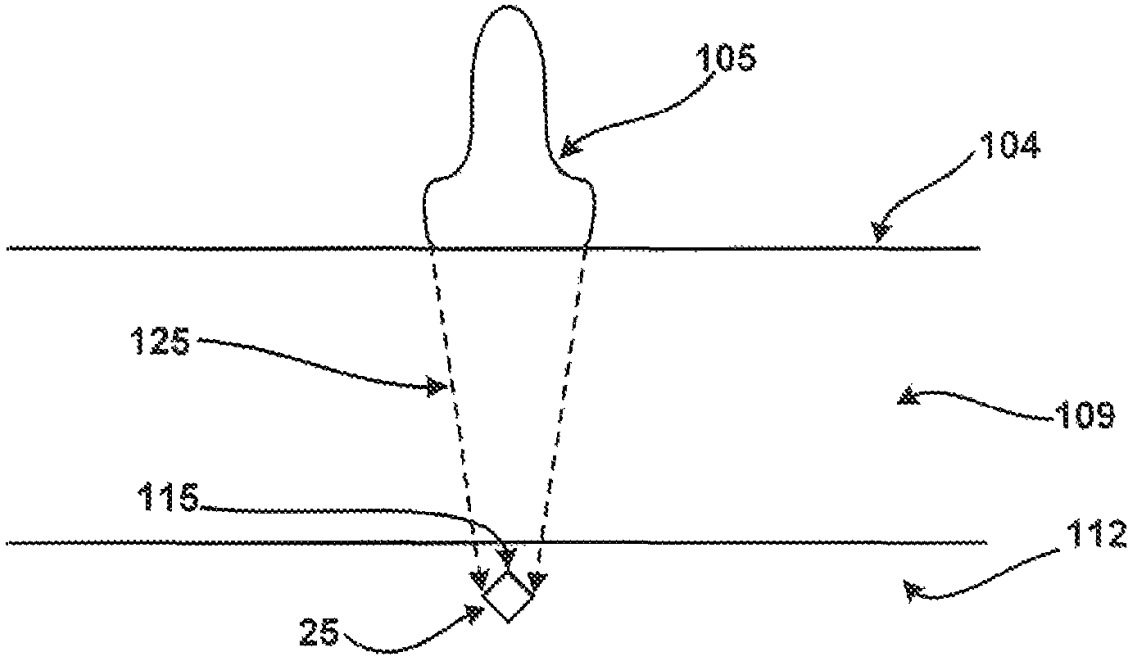
PANASONIC ELECTRIC WORKS

Family 97/100 - FAMPAT - ©Questel

Title

(EP2600783)
Systems and methods for ultrasound treatment

Images



Publication numbers with kind code & date

KR10-2020-0004466	A	2020-01-13	KR20200004466
KR10-2044245	B1	2019-11-13	KR102044245
US20190105518	A1	2019-04-11	US20190105518
KR10-2019-0008986	A	2019-01-25	KR20190008986
US10183182	B2	2019-01-22	US10183182
KR10-1939725	B1	2019-01-17	KR101939725
EP2600783	A4	2017-05-17	EP2600783
EP2600937	A4	2017-05-17	EP2600937
US20170080258	A1	2017-03-23	US20170080258
US9533174	B2	2017-01-03	US9533174
US20150360059	A1	2015-12-17	US20150360059
US9149658	B2	2015-10-06	US9149658
KR10-2013-0138727	A	2013-12-19	KR20130138727
KR10-2013-0094814	A	2013-08-26	KR20130094814
EP2600783	A2	2013-06-12	EP2600783

EP2600937	A2	2013-06-12	EP2600937
WO2012/018390	A3	2012-08-02	WO201218390
WO2012/018385	A3	2012-07-19	WO201218385
WO2012/018386	A3	2012-07-12	WO201218386
WO2012/018391	A3	2012-07-05	WO201218391
US20120165668	A1	2012-06-28	US20120165668
US20120165848	A1	2012-06-28	US20120165848
US20120143056	A1	2012-06-07	US20120143056
WO2012/018385	A2	2012-02-09	WO201218385
WO2012/018386	A2	2012-02-09	WO201218386
WO2012/018390	A2	2012-02-09	WO201218390
WO2012/018391	A2	2012-02-09	WO201218391
US20120029353	A1	2012-02-02	US20120029353

Abstract

(EP2600783)

Various embodiments provide a method for an extended field of view treatment. The method can include the steps of imaging a region; targeting a region with directed ultrasound energy; monitoring the region; moving the imaging, treatment, and monitoring region while spatially correlating to one or more prior regions via imaging and/or position sensing; continuing the extended field of view treatment; and, achieving an ultrasound induced biological effect in the extended field of view treatment region.

Inventors

SLAYTON MICHAEL H

BARTHE PETER G

Latest standardized assignees - inventors removed

GUIDED THERAPY SYSTEMS

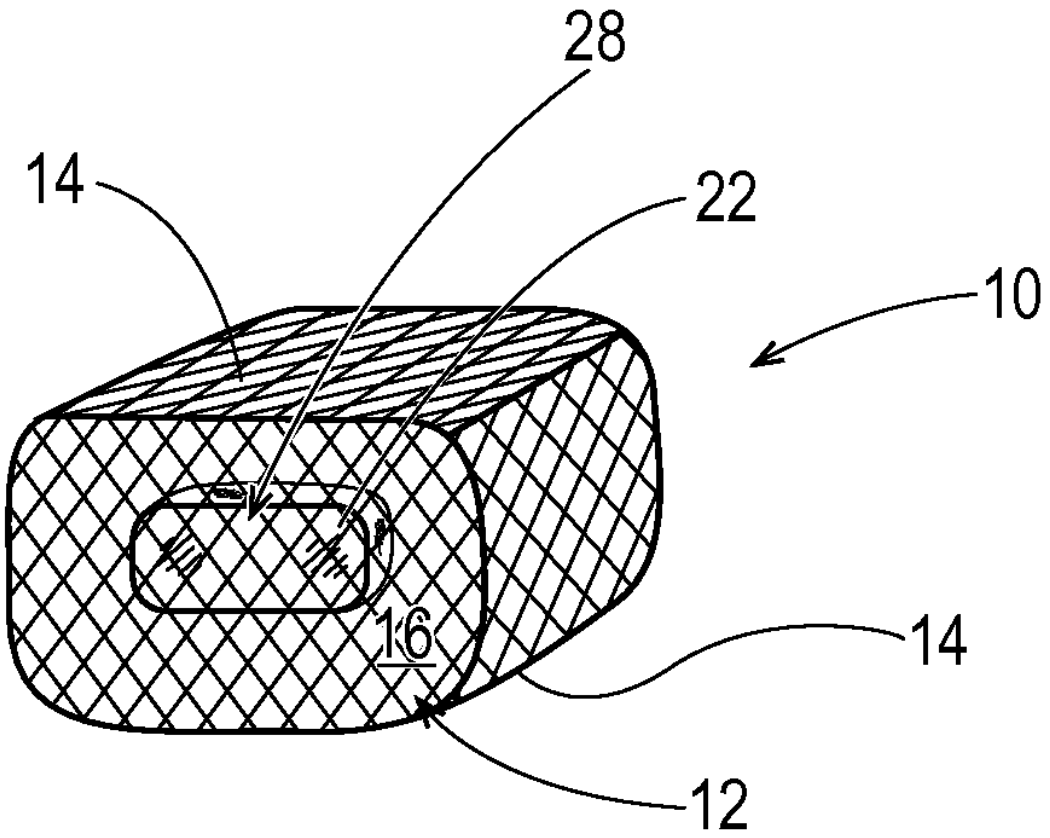
Family 98/100 - FAMPAT - ©Questel

Title

(EP3041921)

Pouches comprising water-soluble fibrous wall materials and methods for making same

Images



Publication numbers with kind code & date

EP3041921	B1	2020-06-17	EP3041921
IN336597	B	2020-05-08	IN-336597
US20200102524	A1	2020-04-02	US20200102524
JP6673831	B2	2020-03-25	JP6673831
FR3010392	B1	2020-02-28	FR3010392
US10526570	B2	2020-01-07	US10526570
RU2690000	C2	2019-05-30	RU2690000
RU2017146234	A	2019-02-20	RU2017146234
RU2017146234	A3	2019-02-20	RU2017146234
GB2531973	B	2018-12-26	GB2531973
RU2642781	C2	2018-01-26	RU2642781
CN107574053	A	2018-01-12	CN107574053
RU2016104126	A	2017-10-11	RU2016104126
JP2016540701	A	2016-12-28	JP2016540701
IN201617006355	A	2016-07-29	IN201617006355
EP3041921	A1	2016-07-13	EP3041921
DE112014004062	T5	2016-06-02	DE112014004062
MX2016002480	A	2016-05-31	MX2016002480
GB2531973	A	2016-05-04	GB2531973
CN105518119	A	2016-04-20	CN105518119
GB201601704	D0	2016-03-16	GB201601704
BR112016004933	A1	2016-03-15	BR112016004933
FR3010392	A1	2015-03-13	FR3010392
CA2923308	A1	2015-03-12	CA2923308
US20150071572	A1	2015-03-12	US20150071572

WO2015/034975 A1 2015-03-12 WO201534975

Abstract

(EP3041921)

Pouches, for example pouches that contain one or more active agents, such as a fabric care active agent or dishwashing active agent and/or detergent compositions, and more particularly pouches employing a water-soluble fibrous wall material, pouches employing a fibrous wall material that ruptures during use, and methods for making same, are provided.

Inventors

DREHER ANDREAS JOSEF
SIVIK MARK ROBERT
GORDON GREGORY CHARLES
BAO HAILING
TROKHAN PAUL DENNIS
WEISMAN PAUL THOMAS

Latest standardized assignees - inventors removed

PROCTER & GAMBLE

Family 99/100 - FAMPAT - ©Questel

Title

(AU2013200828)

Oral dosage forms with therapeutically active agents in controlled release cores and immediate release gelatin capsule coats

Images

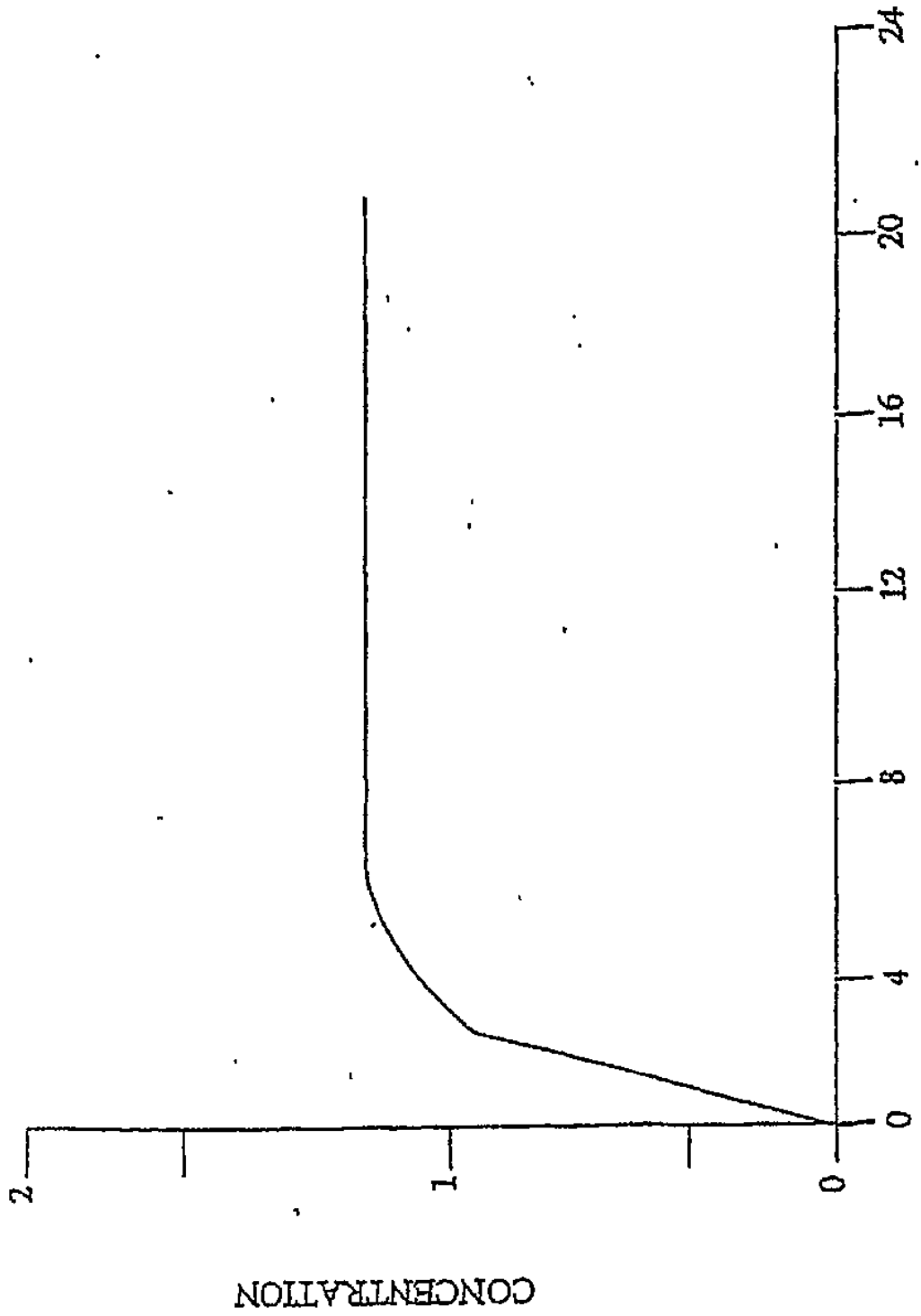


FIG 1 R 1 Profil f T diti al C lled R 1 F ulati

Publication numbers with kind code & date

AU2013200828 A1 2013-03-07 AU2013200828

Abstract

(AU2013200828)

Abstract The present invention relates to oral dosage form with active agents in controlled release cores and in immediate release gelatine capsule coats.

Inventors

SCHOENHARD GRANT L

Latest standardized assignees - inventors removed

PAIN THERAPEUTICS

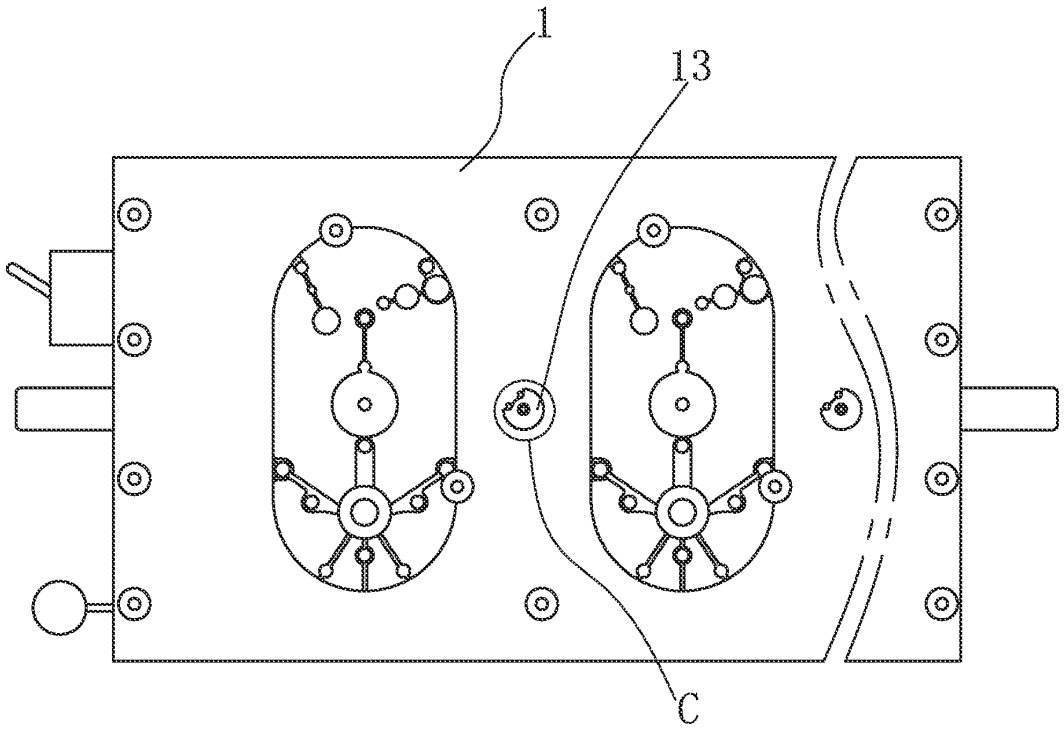
Family 100/100 - FAMPAT - ©Questel

Title

(WO2013181779)

End face clamping tool for workpiece

Images



Publication numbers with kind code & date

MY167017	A	2018-07-31	MY-167017
NZ609173	A	2016-11-25	NZ-609173
KR10-1589032	B1	2016-02-01	KR101589032
US9227283	B2	2016-01-05	US9227283
KR10-1506387	B1	2015-03-27	KR101506387
AU2012318262	B2	2015-01-15	AU2012318262
KR10-2015-0004243	A	2015-01-12	KR20150004243
US20140361477	A1	2014-12-11	US20140361477
KR101443520	B1	2014-11-03	KR101443520
KR10-1436738	B1	2014-09-02	KR101436738
KR101424964	B1	2014-08-05	KR101424964
KR101417800	B1	2014-07-14	KR101417800
KR101412996	B1	2014-06-27	KR101412996
KR101405538	B1	2014-06-16	KR101405538
KR20140003402	A	2014-01-09	KR20140003402
AU2012318262	A1	2013-12-19	AU2012318262

WO2013/181779	A1	2013-12-12	WO2013181779
KR20-0469495	Y1	2013-10-17	KR200469495U
KR20130084647	A	2013-07-25	KR20130084647
KR10-2013-0081692	A	2013-07-17	KR20130081692
KR20130080829	A	2013-07-15	KR20130080829
KR10-2013-0080026	A	2013-07-11	KR20130080026
KR10-2013-0079463	A	2013-07-10	KR20130079463
KR20130077850	A	2013-07-09	KR20130077850
KR20130004173	U	2013-07-08	KR20130004173U
KR20130004120	U	2013-07-05	KR20130004120U
KR20130004030	U	2013-07-03	KR20130004030U
KR20130073927	A	2013-07-03	KR20130073927
KR10-2013-0073026	A	2013-07-02	KR20130073026
KR20130072226	A	2013-07-01	KR20130072226
KR10-2013-0069690	A	2013-06-26	KR20130069690
KR20130069706	A	2013-06-26	KR20130069706
KR20130067482	A	2013-06-24	KR20130067482
KR10-2013-0067288	A	2013-06-21	KR20130067288
KR20-2013-0003688	U	2013-06-20	KR20130003688U
KR10-2013-0065675	A	2013-06-19	KR20130065675
KR10-2013-0065676	A	2013-06-19	KR20130065676
KR20130064763	A	2013-06-18	KR20130064763
KR10-2013-0064089	A	2013-06-17	KR20130064089
KR10-2013-0063523	A	2013-06-14	KR20130063523
KR20130003521	U	2013-06-13	KR20130003521U
KR10-2013-0062302	A	2013-06-12	KR20130062302
KR10-2013-0062305	A	2013-06-12	KR20130062305
KR20130062319	A	2013-06-12	KR20130062319
KR10-2013-0061702	A	2013-06-11	KR20130061702
KR20130060238	A	2013-06-07	KR20130060238

Abstract

(WO2013/181779)

An end face clamping tool for a workpiece, in particular, an end face clamping tool for a box type workpiece comprises a bottom plate (2) and an upper template (1). The upper template (1) and the bottom plate (2) are supported through upright posts (3). The upper template (1) is provided with a die hole (4); at least two inner bumps (5) are formed on the inner edge of the die hole (4); step through holes (6) which are larger at the upper ends and smaller at the lower ends are formed on the inner bumps (5). The lower side of the bottom plate (2) is provided with a tightening cylinder (7) corresponding to the die hole (4); a connection block (9) is connected to a piston rod (8) of the tightening cylinder (7); the top plate (10) is in swinging connection with the connection block (9); the upper surface of the top plate (10) is provided with three raised heads (11); the three raised heads (11) are arranged triangularly. The upper template (1) is provided with a revolving shaft (12) corresponding to the side of each die hole (4); the revolving shaft (12) passes through the upper template (1) from top to bottom; the upper end of the revolving shaft (12) is provided with a hand wheel (13) which can drive the revolving shaft (12) to rotate; a compression spring (14) is sleeved at a position on the revolving shaft (12) which corresponds to a position between the hand wheel (13) and the upper surface of the upper template (1); the lower end of the revolving shaft (12) is fixed together with one end of a transverse die-pin (19); and the transverse die-pin (19) is linked with the revolving shaft (12).

Inventors

ZHU YANZHAO

Latest standardized assignees - inventors removed

LINIX MOTOR