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1. Family 80676741 (US2020268673 AA)

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Title

[EN] PHARMACEUTICAL COMPOSTION CONTAINING ACETAMINOPHEN AND IBUPROFEN

Abstract

[EN] Solid oral dosage forms containing 325 mg of acetaminophen and 97.5 mg of ibuprofen or 500 mg of acetaminophen and 150 mg of ibuprofen, wherein the ibuprofen has a [D50] between 1 and 9 micro m, are described.



FDA Data

Application Number	Active Ingredient	Proprietary Name	Applicant	Date Of Approval
209471	ACETAMINOPHEN; IBUPROFEN	COMBOGESIC	AFT PHARMS LTD	20230301

International Class: A61K31/167; A61K31/192; A61K9/20; A61P29/00; A61K31/136; A61K9/00; A61K9/28; A61K9/14

Cooperative Patent Class: A61K31/136; A61K31/192; A61K9/0053; A61K9/145; A61K9/146; A61K9/2018; A61K9/2866; A61K9/2893; A61P29/00

Family Information

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AU2019268077 AA	20200910	AU20190268077	20191119
AU2019268077 BB	20210225	AU20190268077	20191119
AU2021200634 AA	20210304	AU20210200634	20210201
AU2021200634 BB	20220310	AU20210200634	20210201
AU2022201196 AA	20220317	AU20220201196	20220222
AU2024203208 AA	20240530	AU20240203208	20240515
BR112021017037 A2	20211109	BR20211117037	20200227
CA3131917 AA	20210827	CA20203131917	20200227
CL2021002252 A1	20220429	CL20210002252	20210826
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HK40059419 A1	20220506	HK20226046984	20220124
IL285866 AA	20211031	IL20200285866	20200227
JO20210235 A1	20230130	JO20210000235	20200227
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MA54028 B2	20231031	MA20200054028	20200227
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Patent Number	Publication Date	Application Number	Application Date
TW202045148 A	20201216	TW20200106498	20200227
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US11872317 BB	20240116	US20220087608	20221222
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US2024091160 AA	20240321	US20230518202	20231122
VN83440 A	20220125	VN20210005695	20200227
WO20176736 A1	20200903	WO2020US20112	20200227

Priority Numbers: US20190287836 [20190227]; AU20190268077 [20191119]; AU20210200634 [20210201]; AU20220201196 [20220222]; AU20240203208 [20240515]; WO2020US20112 [20200227]; EP20200763343 [20200227]; MX20210010338 [20210826]; US20210548877 [20211213]; US20220087608 [20221222]; US20230518202 [20231122]

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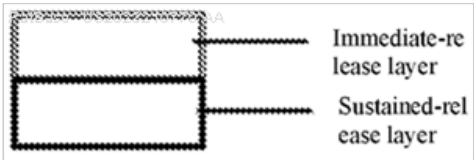
Designated States: AL; AT; BA; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LT; LU; LV; MC; ME; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TR; AE; AG; AM; AO; AU; AZ; BB; BF; BH; BJ; BN; BR; BW; BY; BZ; CA; CF; CG; CI; CL; CM; CN; CO; CR; CU; DJ; DM; DO; DZ; EC; EG; GA; GD; GE; GH; GM; GN; GQ; GT; GW; HN; ID; IL; IN; IR; JO; JP; KE; KG; KH; KM; KN; KP; KR; KW; KZ; LA; LC; LK; LR; LS; LY; MA; MD; MG; ML; MN; MR; MW; MX; MY; MZ; NA; NE; NG; NI; NZ; OM; PA; PE; PG; PH; QA; RU; RW; SA; SC; SD; SG; SL; SN; ST; SV; SY; SZ; TD; TG; TH; TJ; TM; TN; TT; TZ; UA; UG; US; UZ; VC; VN; WS; ZA; ZM; ZW

2. Family 90364585 (US2023210779 AA)

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Title

[EN] CONTROLLED-RELEASE TABLET OF IBUPROFEN AND METHOD FOR PREPARING SAME



Abstract

[EN] An ibuprofen controlled-release tablet and a method for preparing same are provided. The controlled-release tablet is composed of a drug-containing immediate-release layer and a drug-containing sustained-release layer, wherein a mass of ibuprofen in the drug-containing sustained-release layer is greater than a mass of ibuprofen in the drug-containing immediate-release layer, and a ratio of the mass of the ibuprofen in the drug-containing sustained-release layer to the mass of the ibuprofen in the drug-containing immediate-release layer is less than or equal to 7. The tablet of the present disclosure has an effective analgesic effect for 24 h after administration.

International Class: A61K31/192; A61K47/26; A61K47/32; A61K47/36; A61K47/38; A61K9/22; A61K9/24; A61P29/00; A61K9/52; A61K47/02; A61K47/04; A61K47/12; A61K47/14; A61K47/20; A61K47/44; A61K9/32; A61K9/20

Cooperative Patent Class: A61K31/192; A61K9/2009; A61K9/2013; A61K9/2027; A61K9/205; A61K9/2054; A61K9/2059; A61K9/209; A61K9/2095; A61P29/00; A61K47/26; A61K47/32; A61K47/36; A61K47/38; A61K9/20; A61K9/50

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EP4226917 A1	20230816	EP20210865941	20210906
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US2023210779 AA	20230706	US20230118790	20230308
WO22052887 A1	20220317	WO2021CN116700	20210906

Priority Numbers: CN202010934282 [20200908]; CN202111009666 [20210831]; WO2021CN116700 [20210906]; US20230118790 [20230308]

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Designated States: AL; AT; BA; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; KH; LI; LT; LU; LV; MA; MC; MD; ME; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TN; TR; AE; AG; AM; AO; AU; AZ; BB; BF; BH; BJ; BN; BR; BW; BY; BZ; CA; CF; CG; CI; CL; CM; CN; CO; CR; CU; DJ; DM; DO; DZ; EC; EG; GA; GD; GE; GH; GM; GN; GQ; GT; GW; HN; ID; IL; IN; IR; JO; JP; KE; KG; KM; KN; KP; KR; KW; KZ; LA; LC; LK; LR; LS; LY; MG; ML; MN; MR; MW; MX; MY; MZ; NA; NE; NG; NI; NZ; OM; PA; PE; PG; PH; QA; RU; RW; SA; SC; SD; SG; SL; SN; ST; SV; SY; SZ; TD; TG; TH; TJ; TM; TT; TZ; UA; UG; US; UZ; VC; VN; WS; ZA; ZM; ZW

3. Family 74020260 (US2022202722 AA)

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Title
[EN] ORODISPERSIBLE TABLET

Abstract
[EN] The present invention is directed to a composition in the form of an orodispersible tablet comprising a non-steroidal anti-inflammatory drug (NSAID) and a taste-masking agent wherein the NSAID is uncoated and has an average particle size of less than 100 micro m. The present invention is further directed to the use of malic acid as a taste-masking agent.

International Class: A61K31/192; A61K47/12; A61K9/00; A61K9/14; A61K9/20; A61K9/26; A23L2/60; A61K45/06; A61K9/50

Cooperative Patent Class: A61K31/192; A61K47/12; A61K9/0056; A61K9/146; A61K9/20; A61K9/2009; A61K9/2018; A61K9/2027; A61K9/2054; A61K9/2077

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CN113347967 A	20210903	CN202080011024	20200128
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GB2581132 B2	20220601	GB20190001137	20190128
IL285070 AA	20210930	IL20200285070	20200128
IN202147038217 A	20210903	IN202147038217	20210824
IN548796 B	20240830	IN202147038217	20210824
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RU2021125365 A3	20230627	RU20210125365	20200128
US2022202722 AA	20220630	US20210425981	20200128
WO20157484 A1	20200806	WO2020GB50193	20200128

Priority Numbers: GB20190001137 [20190128]; WO2020GB50193 [20200128]; RU20210125365 [20200128]

Probable Patent Assignee: RECKITT BENCKISER HEALTH LTD

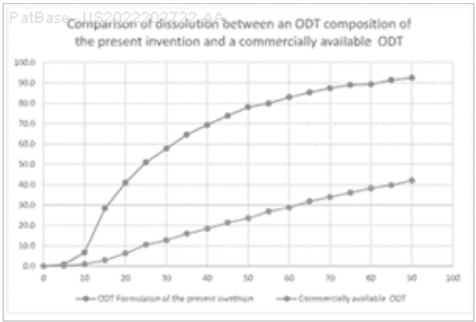
Assignees: RECKITT BENCKISER HEALTH LTD

Inventors: HANNING JENNIFER ESME; GORDON CALUM MCINTOSH; BARNETT STEVEN LOUIS; KLOH TRACY EMMANUELLE; STEVEN LOUIS BARNETT; CALUM MCINTOSH GORDON; JENNIFER ESME HANNING; TRACY EMMANUELLE KLOH

Non Std Inventors: KLH TRACY EMMANUELLE

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Designated States: AL; AT; BA; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LT; LU; LV; MC; ME; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TR; AE; AG; AM; AO; AU; AZ; BB; BF; BH; BJ; BN; BR; BW; BY; BZ; CA; CF; CG; CI; CL; CM; CN; CO; CR; CU; DJ; DM; DO; DZ; EC; EG; GA; GD; GE; GH; GM; GN; GQ; GT; GW; HN; ID; IL; IN; IR; JO; JP; KE; KG; KH; KM; KN; KP; KR; KW; KZ; LA; LC; LK; LR; LS; LY; MA; MD; MG; ML; MN; MR; MW; MX; MY; MZ; NA; NE; NG; NI; NZ; OM; PA; PE; PG; PH; QA; RU; RW; SA; SC; SD; SG; SL; SN; ST; SV; SY; SZ; TD; TG; TH; TJ; TM; TN; TT; TZ; UA; UG; US; UZ; VC; VN; WS; ZA; ZM; ZW



4. Family 89466653 (US2022016088 AA)

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Title
[EN] UNIT ORAL DOSE COMPOSITIONS COMPOSED OF IBUPROFEN AND FAMOTIDINE FOR THE TREATMENT OF ACUTE PAIN AND THE REDUCTION OF THE SEVERITY AND/OR RISK OF HEARTBURN

Abstract
[EN] Described herein are unit oral dose compositions that reduce the severity of heartburn and/or the risk of the occurrence of heartburn in a human in need of taking ibuprofen for the OTC treatment of acute pain wherein the human is not experiencing heartburn prior to the oral administration of the unit oral dose composition comprising orally administering to the human of a unit oral dose composition comprising (i) ibuprofen at a dosage from about 50 mg to about 400 mg per unit oral dose composition and (ii) famotidine at a dosage from about 3 mg to about 20 mg per unit oral dose composition, wherein the dissolution rate of famotidine in the unit oral dose composition in said human at a specified time within 45 minutes of administration of said unit oral dose composition to said human is greater than the dissolution rate of ibuprofen in the unit oral dose composition in said human at the same specified time.

International Class: A61K31/192; A61K31/426; A61P29/00; A61K31/138; A61K31/167; A61K31/194; A61K9/00; A61K9/20; A61K31/13; A61P1/04; A61P1/14; A61P25/02; A61P43/00; A61K9/24

Cooperative Patent Class: A61K2121/00; A61K2300/00; A61K31/138; A61K31/167; A61K31/192; A61K31/194; A61K31/426; A61K9/0053; A61K9/2077; A61K9/2086; A61K9/209; A61P29/00; A61K31/135; A61K31/198

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Patent Number	Publication Date	Application Number	Application Date
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WO22015784 A1	20220120	WO2021US41521	20210714

Priority Numbers: US20200052398P [20200715]; WO2021US41521 [20210714]; US20210375049 [20210714]; US20220658852 [20220412]; US20220811220 [20220707]

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Designated States: AL; AT; BA; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; KH; LI; LT; LU; LV; MA; MC; MD; ME; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TN; TR; AE; AG; AM; AO; AU; AZ; BB; BF; BH; BJ; BN; BR; BW; BY; BZ; CA; CF; CG; CI; CL; CM; CN; CO; CR; CU; DJ; DM; DO; DZ; EC; EG; GA; GD; GE; GH; GM; GN; GQ; GT; GW; HN; ID; IL; IN; IR; JO; JP; KE; KG; KM; KN; KP; KR; KW; KZ; LA; LC; LK; LR; LS; LY; MG; ML; MN; MR; MW; MX; MY; MZ; NA; NE; NG; NI;

NZ; OM; PA; PE; PG; PH; QA; RU; RW; SA; SC; SD; SG; SL; SN; ST; SV; SY; SZ; TD; TG; TH; TJ; TM; TT; TZ; UA; UG; US; UZ;
VC; VN; WS; ZA; ZM; ZW

5. Family 103917318 (IN201921026046 A)

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Title
[EN] MOUTH DISSOLVING TABLETS OF FLURBIPROFEN AND METHOD OF PREPARATION THEREOF

Abstract
[EN] The invention disclosure related to a mouth dissolving tablets of flurbiprofen and method of preparation thereof. It presents solution of the problems of the prior art related to drug delivery of the flurbiprofen associated with Geriatric, Pediatric, and Psychiatric patients and for the conditions where patients may not ready access of water. It present improves mouth dissolving flurbiprofen tablet?s performance in terms of efficacy, safety and improved patients compliance.

International Class: A61G13/00; A61K31/192; A61K45/06; A61K9/20; B01F1/00

Family Information

Patent Number	Publication Date	Application Number	Application Date
IN201921026046 A	20240802	IN201921026046	20190629

Priority Numbers: IN201921026046 [20190629]

Probable Patent Assignee: JIWAJI UNIV GWALIOR

Non Std Assignees: JIWAJI UNIV GWALIOR

Non Std Inventors: RAMAKANT JOSHI; NAVNEET GARUD; WASIM AKRAM; RAJENDRA CHAUHAN

6. Family 82914683 (US2022249414 AA)

[View in PatBase](#)

Title

[EN] COMBINATION OF IBUPROFEN AND TRAMADOL FOR RELIEVING PAIN

Abstract

[EN] The present invention relates to the combination of ibuprofen in the form of a pharmaceutically acceptable salt, and tramadol, or a pharmaceutical acceptable salt thereof, for use in the treatment of pain in humans, wherein the dosage of ibuprofen in the combination is comprised between 350 mg and 450 mg and the dosage of tramadol is comprised between 35 mg and 40 mg, expressed as equivalent weight of tramadol hydrochloride. The combination is suitable for the treatment of moderate to severe pain, of chronic or acute origin, and is particularly effective for those patients suffering from more intense pain. It also relates to a pharmaceutical composition comprising said fixed-dose combination of ibuprofen and tramadol.

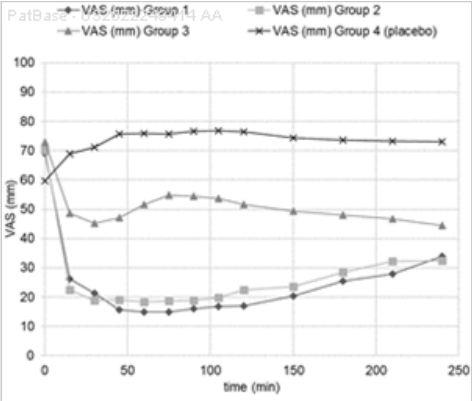
International Class: A61K31/135; A61K31/192; A61K9/00; A61K9/16; A61P29/00; A61K31/137; A61K31/198; A61P25/04; A61P29/02; A61P43/00; A61K31/00

Cooperative Patent Class: A61K31/135; A61K31/192; A61K9/0019; A61K9/1623; A61P29/00

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US2022249414 AA	20220811	US20220624601	20200708
WO21005129 A1	20210114	WO2020EP69306	20200708

Priority Numbers: EP20190382583 [20190709]; WO2020EP69306 [20200708]; EP20200740266 [20200708]; RU20220102814 [20200708]



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Non Std Inventors: ESTER DUARTGONZALEZ

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Designated States: AL; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LT; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TR; BA; ME; KH; MA; MD; TN; AE; AG; AM; AO; AU; AZ; BB; BF; BH; BJ; BN; BR; BW; BY; BZ; CA; CF; CG; CI; CL; CM; CN; CO; CR; CU; DJ; DM; DO; DZ; EC; EG; GA; GD; GE; GH; GM; GN; GQ; GT; GW; HN; ID; IL; IN; IR; JO; JP; KE; KG; KM; KN; KP; KR; KW; KZ; LA; LC; LK; LR; LS; LY; MG; ML; MN; MR; MW; MX; MY; MZ; NA; NE; NG; NI; NZ; OM; PA; PE; PG; PH; QA; RU; RW; SA; SC; SD; SG; SL; SN; ST; SV; SY; SZ; TD; TG; TH; TJ; TM; TT; TZ; UA; UG; US; UZ; VC; VN; WS; ZA; ZM; ZW

7. Family 79078098 (US2021369618 AA)

[View in PatBase](#)

Title

[EN] IBUPROFEN-CONTAINING ORAL PHARMACEUTICAL FORMULATION

Abstract

[EN] The provision of technology for reducing the unpleasant taste of ibuprofen in ibuprofen-containing oral pharmaceutical formulations. An oral pharmaceutical formulation in which the unpleasant taste of ibuprofen is reduced, which contains (A) ibuprofen or salt thereof or solvate of these, and (B) magnesium oxide, wherein the mass ratio [(B)/(A)] of component (A) and component (B) is 0.2-1.5.

International Class: A61K31/192; A61K47/02; A61K9/00; A61K9/10; A61K9/14; A61K9/16; A61K9/20; A61K31/19; A61K9/50; A61K9/06; A61K9/08; A61K9/68; A61P29/00

Cooperative Patent Class: A61K31/192; A61K47/02; A61K9/0053; A61K9/0056; A61K9/0095; A61K9/10; A61K9/143; A61K9/1611; A61K9/2009; A61K9/00

Family Information

Patent Number	Publication Date	Application Number	Application Date
AU2019380973 AA	20210513	AU20190380973	20191115
BR112021009468 A2	20210810	BR20211109468	20191115
CN113038933 A	20210625	CN201980075319	20191115
DE602019030596 D1	20230615	DE201960030596T	20191115
EP3880171 A1	20210922	EP20190813181	20191115
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US2021369618 AA	20211202	US20210290915	20191115
WO20101012 A1	20200522	WO2019JP44835	20191115

Priority Numbers: JP20180215891 [20181116]; WO2019JP44835 [20191115]; EP20190813181 [20191115]; JP20190206693 [20191115]; RU20210113578 [20191115]

Probable Patent Assignee: SS PHARMACEUTICAL CO

Assignees: SSP CO LTD; SS PHARMACEUTICAL CO

Non Std Assignees: SSP CO; SS PHARMACEUT CO LTD

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Designated States: AL; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LT; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TR; BA; ME; AE; AG; AM; AO; AU; AZ; BB; BF; BH; BJ; BN; BR; BW; BY; BZ; CA; CF; CG; CI; CL; CM; CN; CO; CR; CU; DJ; DM; DO; DZ; EC; EG; GA; GD; GE; GH; GM; GN; GQ; GT; GW; HN; ID; IL; IN; IR; JO; KE; KG; KH; KM; KN; KP; KR; KW; KZ; LA; LC; LK; LR; LS; LY; MA; MD; MG; ML; MN; MR; MW; MX; MY; MZ; NA; NE; NG; NI; NZ;

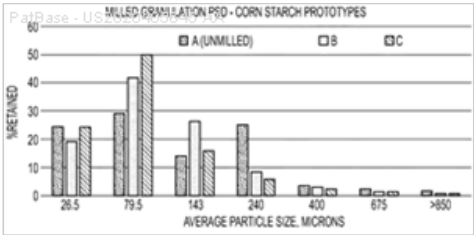
OM; PA; PE; PG; PH; QA; RU; RW; SA; SC; SD; SG; SL; SN; ST; SV; SY; SZ; TD; TG; TH; TJ; TM; TN; TT; TZ; UA; UG; US; UZ;
VC; VN; ZA; ZM; ZW

8. Family 82716777 (US2020405645 AA)

[View in PatBase](#)

Title
[EN] IBUPROFEN AND ACETAMINOPHEN TABLET

Abstract
[EN] The present invention provides novel compositions, methods of treatment and methods of manufacture of large scale, commercially viable ibuprofen and acetaminophen tablets. The unique characteristics and synergistic effects resulting from the disclosed compositions, methods of treatment and methods of manufacture demonstrate a product with optimal analgesia, anti-pyresis, safety profiles and large-scale manufacturability. The inventions described herein surprisingly show the unique composition and method of manufacturing for a large-scale commercial batch of a novel ibuprofen and acetaminophen tablet.



Application Number	Active Ingredient	Proprietary Name	Applicant	Date Of Approval
211733	ACETAMINOPHEN; IBUPROFEN	ADVIL DUAL ACTION WITH ACETAMINOPHEN	GLAXOSMITHKLINE	20200228
211733	ACETAMINOPHEN; IBUPROFEN	ADVIL DUAL ACTION WITH ACETAMINOPHEN	HALEON US HOLDINGS	20200228
211733	ACETAMINOPHEN; IBUPROFEN	ADVIL DUAL ACTION WITH ACETAMINOPHEN	PFIZER INC	20200228

International Class: A61K45/06; A61K9/16; A61K9/20; A61K31/167; A61K31/192; A61K47/36; A61K47/38; A61P29/00; A61K47/04; A61K47/26; A61K9/36; A61K9/00; A61K9/28; C23C16/455; A61K47/14; A61P43/00

Cooperative Patent Class: A61K2121/00; A61K2300/00; A61K31/167; A61K31/192; A61K9/0053; A61K9/1617; A61K9/1652; A61K9/2009; A61K9/2018; A61K9/2054; A61K9/2059; A61K9/2077; A61K9/2866; A61P29/00

Patent Number	Publication Date	Application Number	Application Date
AU2020301401 AA	20220127	AU20200301401	20200624
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IN202117059285 A	20220624	IN202117059285	20211220
JP2022540348 T2	20220915	JP20210577292T	20200624
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US2024156740 AA	20240516	US20240411236	20240112
WO20263947 A1	20201230	WO2020US39321	20200624

Priority Numbers: US20190867683P [20190627]; WO2020US39321 [20200624]; AU20200301401 [20200624]; AU20240200875 [20240212]; US20200910485 [20200624]; US20240411236 [20240112]

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Designated States: AL; AT; BA; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LT; LU; LV; MC; ME; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TR; AE; AG; AM; AO; AU; AZ; BB; BF; BH; BJ; BN; BR; BW; BY; BZ; CA; CF; CG; CI; CL; CM; CN; CO; CR; CU; DJ; DM; DO; DZ; EC; EG; GA; GD; GE; GH; GM; GN; GQ; GT; GW; HN; ID; IL; IN; IR; JO; JP; KE; KG; KH; KM; KN; KP; KR; KW; KZ; LA; LC; LK; LR; LS; LY; MA; MD; MG; ML; MN; MR; MW; MX; MY; MZ; NA; NE; NG; NI; NZ; OM; PA; PE; PG; PH; QA; RU; RW; SA; SC; SD; SG; SL; SN; ST; SV; SY; SZ; TD; TG; TH; TJ; TM; TN; TT; TZ; UA; UG; US; UZ; VC; VN; WS; ZA; ZM; ZW

9. Family 68004551 (WO19108147 A1)

[View in PatBase](#)

Title

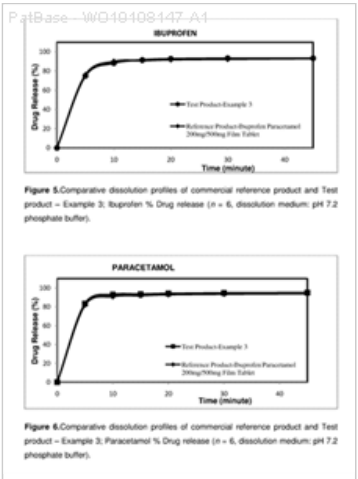
[EN] COLOR STABLE FIXED DOSE TABLET COMBINATION OF IBUPROFEN AND PARACETAMOL

Abstract

[EN] The present invention relates to formulate a pharmaceutical preparation of non-steroidal antiinflammatorytablet compositon comprising ibuprofen and paracetamol or pharmaceutically acceptable salts thereof,and the process of preparation, wherein said formulation has a sub-coating layer comprising 0.1 percent -0.3 percent (w/w) in unit dose glyceryl monocaprylocaprate which is a fatty acid ester of glycerol.

International Class: A61K31/167; A61K31/192; A61K9/28; A61P29/00; A61K31/00; A61K1/00

Cooperative Patent Class: A61K31/167; A61K31/192; A61K9/282; A61K9/2886; A61P29/00



Family Information

Patent Number	Publication Date	Application Number	Application Date
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EP3700509 A1	20200902	EP20170916454	20171219
EP3700509 B1	20231122	EP20170916454	20171219
TR201719166 A2	20171221	TR20170019166	20171129
TR2023017382 T4	20240122	TR20230017382T	20171219
WO19108147 A1	20190606	WO2017TR50678	20171219

Priority Numbers: TR20170019166 [20171129]; EP20170916454 [20171219]; WO2017TR50678 [20171219]; TR20170009166 [20171129]

Probable Patent Assignee: ILKO ILAC SANAYI VE TICARET ANONIM SIRKETI

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Agent(s): BULUT PINAR; FARMAPATENT LTD; PINAR BULUT; NAGEHAN SARRACOGLU

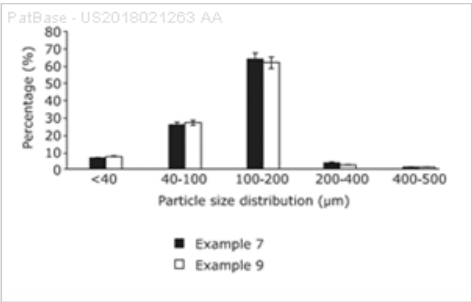
Designated States: AL; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LT; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TR; BA; ME; AE; AG; AM; AO; AU; AZ; BB; BF; BH; BJ; BN; BR; BW; BY; BZ; CA; CF; CG; CI; CL; CM; CN; CO; CR; CU; DJ; DM; DO; DZ; EC; EG; GA; GD; GE; GH; GM; GN; GQ; GT; GW; HN; ID; IL; IN; IR; JO; JP; KE; KG; KH; KM; KN; KP; KR; KW; KZ; LA; LC; LK; LR; LS; LY; MA; MD; MG; ML; MN; MR; MW; MX; MY; MZ; NA; NE; NG; NI; NZ; OM; PA; PE; PG; PH; QA; RU; RW; SA; SC; SD; SG; SL; SN; ST; SV; SY; SZ; TD; TG; TH; TJ; TM; TN; TT; TZ; UA; UG; US; UZ; VC; VN; ZA; ZM; ZW

10. Family 59002883 (US2018021263 AA)

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Title
[EN] METHOD OF PRODUCING A EXTRUDED COMPOSITION

Abstract
[EN] The present invention relates to a method of producing a direct compression tablet composition comprising the step of processing ibuprofen, a hydrophilic polymer, and an inorganic excipient by an extrusion process to produce an extruded composition in which the ibuprofen forms a solid dispersion/solution within the hydrophilic polymer. The invention is particularly useful in preparing oral dissolvable tablets. Also provided are composition comprising an inorganic excipient and ibuprofen within a hydrophilic polymer.



International Class: A61K31/00; A61K9/14; A61K9/20; B29B9/00; B29C48/05; A61K31/192; A61K33/12; B29B9/06; B29C48/00; A61J3/10; A61K47/32

Cooperative Patent Class: A61J3/10; A61K31/00; A61K31/192; A61K33/12; A61K47/32; A61K9/143; A61K9/20; A61K9/2095; B29B9/00; B29B9/06; B29C48/0011; B29C48/05

US Class: 1/1; 424/465

Family Information

Patent Number	Publication Date	Application Number	Application Date
AU2016217659 AA	20171005	AU20160217659	20160209
AU2016217659 BB	20210401	AU20160217659	20160209
CA3014014 AA	20180808	CA20163014014	20160209
CA3014014 C	20230926	CA20163014014	20160209
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GB201502077 A0	20150325	GB20150002077	20150209
GB201517833 A0	20151125	GB20150017833	20151008
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GB2536519 B2	20171122	GB20150017833	20151008
US2018021263 AA	20180125	US20160549900	20160209
WO16128727 A1	20160818	WO2016GB50294	20160209

Priority Numbers: GB20150002077 [20150209]; GB20150017833 [20151008]; WO2016GB50294 [20160209]; EP20160709489 [20160209]

Probable Patent Assignee: CUBIC PHARMACEUTICALS LTD

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Designated States: AL; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LT; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TR; BA; ME; AE; AG; AM; AO; AU; AZ; BB; BF; BH; BJ; BN; BR; BW; BY; BZ; CA; CF; CG; CI; CL; CM; CN; CO; CR; CU; DM; DO; DZ; EC; EG; GA; GD; GE; GH; GM; GN; GQ; GT; GW; HN; ID; IL; IN; IR; JP; KE; KG; KM; KN; KP; KR; KZ; LA; LC; LK; LR; LS; LY; MA; MD; MG; ML; MN; MR; MW; MX; MY; MZ; NA; NE; NG; NI; NZ; OM; PA; PE; PG; PH; QA; RU; RW; SA; SC; SD; SG; SL; SN; ST; SV; SY; SZ; TD; TG; TH; TJ; TM; TN; TT; TZ; UA; UG; US; UZ; VC; VN; ZA; ZM; ZW

11. Family 75042692 (US2021077408 AA)

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Title

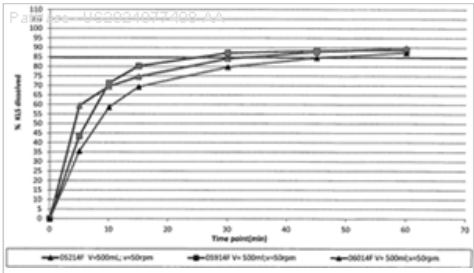
[EN] IMMEDIATE-RELEASE PHARMACEUTICAL COMPOSITIONS CONTAINING KETOPROFEN LYSINE SALT

Abstract

[EN] The present invention in general relates to an immediate-release pharmaceutical composition containing ketoprofen lysine salt and mannitol. In particular, the present invention relates to an immediate-release pharmaceutical composition in the form of tablet. The invention also provides a process for manufacturing such composition.

International Class: A61K31/192; A61K31/205; A61K9/20; A61K47/10; A61K47/14; A61K47/36; A61K47/58; A61K31/198

Cooperative Patent Class: A61K31/192; A61K31/198; A61K31/205; A61K9/2009; A61K9/2013; A61K9/2018; A61K9/2027; A61K9/2054; A61K9/2059; A61K47/10; A61K47/14; A61K47/36; A61K47/58



Family Information

Patent Number	Publication Date	Application Number	Application Date
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CA3085658 AA	20200612	CA20193085658	20190103
CN111587108 A	20200825	CN201980007250	20190103
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HK40041593 A1	20210820	HK20216029821	20210423
IL275806 AA	20200831	IL20190275806	20190103
MA51521 A	20210414	MA20190051521	20190103
RU2020125247 A	20220207	RU20200125247	20190103
RU2020125247 A3	20220207	RU20200125247	20190103
RU2804350 C2	20230928	RU20200125247	20190103
SG11202005381P A1	20200729	SG20201105381	20190103
US2021077408 AA	20210318	US20200959681	20190103
WO19134940 A1	20190711	WO2019EP50097	20190103

Priority Numbers: EP20180150490 [20180105]; WO2019EP50097 [20190103]; RU20200125247 [20190103]

Probable Patent Assignee: DOMPE FARM SPA

Assignees: DOMPE FARM SPA; DOMPE FARM S P A

Non Std Assignees: DOMPE FARMACEUTICI S P A; DOMPE FARMACEUTICI SPA; CANTARINI MARCO; GENTILE MARCO MARIA; PROTA LUCIA; VIA SANTA LUCIA 6

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Designated States: AL; AT; BA; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LT; LU; LV; MC; ME; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TR; AE; AG; AM; AO; AU; AZ; BB; BF; BH; BJ; BN; BR; BW; BY; BZ; CA; CF; CG; CI; CL; CM; CN; CO; CR; CU; DJ; DM; DO; DZ; EC; EG; GA; GD; GE; GH; GM; GN; GT; GW; HN; ID; IL; IN; IR; JO; JP; KE; KG; KH; KM; KN; KP; KR; KW; KZ; LA; LC; LK; LR; LS; LY; MA; MD; MG; ML; MN; MR; MW; MX; MY; MZ; NA; NE; NG; NI; NZ; OM; PA; PE; PG; PH; QA; RU; RW; SA; SC; SD; SG; SL; SN; ST; SV; SY; SZ; TD; TG; TH; TJ; TM; TN; TT; TZ; UA; UG; US; UZ; VC; VN; ZA; ZM; ZW

12. Family 91622015 (WO22114240 A1)

[View in PatBase](#)

Title
[EN] SOLID PREPARATION CONTAINING IBUPROFEN

Abstract
[EN] The disclosure provides a solid preparation having excellent dissolution of ibuprofen and a good color tone. The solid preparation includes a granular product containing the following ingredients (a1), (a2), (a3), and (a4): (a1) ibuprofen or a salt thereof or a solvate thereof; (a2) magnesium oxide; (a3) sodium lauryl sulfate; and (a4) one or more disintegrating agents selected from the group consisting of low substituted hydroxypropylcellulose, sodium carboxymethyl starch, carmellose, carmellose calcium, crospovidone, and croscarmellose sodium. The disclosure also provides methods of making such a solid preparation.

International Class: A61K9/20; A61K31/192; A61K47/02; A61K47/20; A61K47/32; A61K47/36; A61K47/38; A61K9/14; A61K9/16; A61K9/48; A61P29/00

Cooperative Patent Class: A61K31/192; A61K9/1611; A61K9/1617; A61K9/1652; A61K9/2009; A61K9/2013; A61K9/2054

Family Information

Patent Number	Publication Date	Application Number	Application Date
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JP2022087085 A2	20220609	JP20210194660	20211130
KR20230116831 A	20230804	KR20237020822	20211130
WO22114240 A1	20220602	WO2021JP43984	20211130

Priority Numbers: JP20200197855 [20201130]; WO2021JP43984 [20211130]; JP20210194660 [20211130]

Probable Patent Assignee: SS PHARMACEUTICAL CO

Assignees: SSP CO LTD; SS PHARMACEUTICAL CO

Non Std Assignees: SSP CO; SS PHARMACEUT CO LTD

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Agent(s): PATENT CORPORATE BODY ARUGA PATENT OFFICE

Designated States: AE; AG; AL; AM; AO; AT; AU; AZ; BA; BB; BE; BF; BG; BH; BJ; BN; BR; BW; BY; BZ; CA; CF; CG; CH; CI; CL; CM; CN; CO; CR; CU; CY; CZ; DE; DJ; DK; DM; DO; DZ; EC; EE; EG; ES; FI; FR; GA; GB; GD; GE; GH; GM; GN; GQ; GR; GT; GW; HN; HR; HU; ID; IE; IL; IN; IR; IS; IT; JO; KE; KG; KH; KM; KN; KP; KR; KW; KZ; LA; LC; LK; LR; LS; LT; LU; LV; LY; MA; MC; MD; ME; MG; MK; ML; MN; MR; MT; MW; MX; MY; MZ; NA; NE; NG; NI; NL; NO; NZ; OM; PA; PE; PG; PH; PL; PT; QA; RO; RS; RU; RW; SA; SC; SD; SE; SG; SI; SK; SL; SM; SN; ST; SV; SY; SZ; TD; TG; TH; TJ; TM; TN; TR; TT; TZ; UA; UG; US; UZ; VC; VN; WS; ZA; ZM; ZW

13. Family 61806264 (US2017252452 AA)

[View in PatBase](#)

Title

[EN] FILM COATED TABLET FOR THE TREATMENT OF ACUTE PAIN

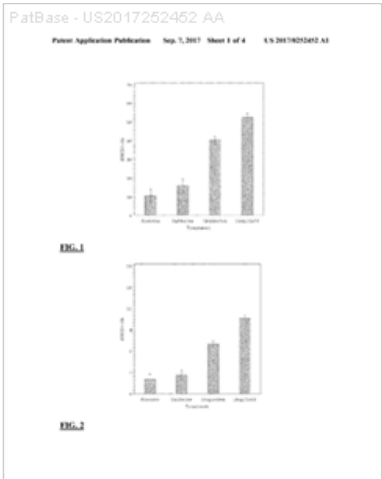
Abstract

[EN] The invention relates to a film coated tablet for the treatment of acute pain containing 400 mg of ibuprofen, 100 mg of caffeine, 50 to 100 mg of one or more disintegrating agents and to a process for the preparation of the film coated tablet according to the invention.

International Class: A61K9/20; A61P29/00; A61K31/192; A61K31/522; A61K47/38; A61K9/30; A61P25/04; A61K47/10; A61K47/26; A61K9/28; A61K31/52

Cooperative Patent Class: A61K31/192; A61K31/522; A61K47/38; A61K9/2054; A61K9/2095; A61P25/04; A61P29/00; A61K9/20

US Class: 1/1; 424/474



Family Information

Patent Number	Publication Date	Application Number	Application Date
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AU2015309175 BB	20200903	AU20150309175	20150723
BR112017003430 A2	20171128	BR20171103430	20150723
CA2958279 AA	20170215	CA20152958279	20150723
CA2958279 C	20221122	CA20152958279	20150723
CN107106502 A	20170829	CN201580058469	20150723
DE602015080696 D1	20220929	DE201560080696T	20150723
EA201790386 A1	20170731	EA20170090386	20150723
EP3185855 A1	20170705	EP20150739632	20150723
EP3185855 B1	20220907	EP20150739632	20150723
ES2932980 T3	20230130	ES20150739632T	20150723
HU060712 T2	20230428	HU20150739632T	20150723
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JP2017525773 T2	20170907	JP20170530408T	20150723
JP6664395 B2	20200313	JP20170530408T	20150723
MX2017002701 A1	20170828	MX20170002701	20150723
MX393741 B	20220706	MX20170002701	20150723
PH2017500346 A	20170717	PH20170500346	20170227
PL3185855 T3	20230619	PL20150739632T	20150723
PT3185855 T	20221213	PT20150739632T	20150723
TW201625225 A	20160716	TW20150128190	20150827
US2017252452 AA	20170907	US20150506548	20150723
US2021121577 AA	20210429	US20200064482	20201006
WO16030091 A1	20160303	WO2015EP66884	20150723

Priority Numbers: EP20140002975 [20140828]; WO2015EP66884 [20150723]; EP20150739632 [20150723]; US20170506548 [20170224]; US20200064482 [20201006]

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Agent(s): GRIFFITH HACK; WATERMARK INTELLECTUAL PROPERTY PTY LTD; FETHERSTONHAUGH AND CO; SMART AND BIGGAR IP AGENCY CO; SMART AND BIGGAR LP; CATILLON MARIE; WEISS WOLFGANG; MARIA ISABEL LEHMANN NOVO; DR TOETI HERATY N ROOSSEN; SERGIO LUIS OLIVARES LOBATO; SIMON ELKE; BOEHRINGER INGELHEIM GMBH

Designated States: AL; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LT; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TR; BA; ME; AE; AG; AM; AO; AU; AZ; BB; BF; BH; BJ; BN; BR; BW; BY; BZ; CA; CF; CG; CI; CL; CM; CN; CO; CR; CU; DM; DO; DZ; EC; EG; GA; GD; GE; GH; GM; GN; GQ; GT; GW; HN; ID; IL; IN; IR; JP; KE; KG; KM; KN; KP; KR; KZ; LA; LC; LK; LR; LS; LY; MA; MD; MG; ML; MN; MR; MW; MX; MY; MZ; NA; NE; NG; NI; NZ; OM; PA; PE; PG; PH; QA; RU; RW; SA; SC; SD; SG; SL; SN; ST; SV; SY; SZ; TD; TG; TH; TJ; TM; TN; TT; TZ; UA; UG; US; UZ; VC; VN; ZA; ZM; ZW

14. Family 89724738 (WO22023211 A1)

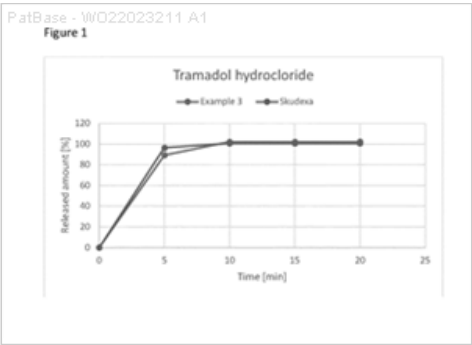
[View in PatBase](#)

Title

[EN] FORMULATION CONTAINING DEXKETOPROFEN AND TRAMADOL AND METHOD FOR MAKING THE SAME

Abstract

[EN] The present invention provides pharmaceutical compositions comprising dexketoprofen and tramadol, which are stable and easy to manufacture. The pharmaceutical compositions of the present invention are characterized by dexketoprofen being provided in an intragranular phase and tramadol being provided in an extragranular phase or vice versa. In addition, the present invention provides a simple method for manufacturing such pharmaceutical compositions. The key aspect of the manufacturing method according to the present invention is the preparation of a granulate containing dexketoprofen or, in another embodiment, tramadol by means of dry granulation, prior to admixing of tramadol, or in the other embodiment dexketoprofen, and optional further excipients. Medical uses of the pharmaceutical compositions of the present invention are also provided.



International Class: A61K31/135; A61K31/192; A61K9/20; A61P25/00; A61P29/00

Cooperative Patent Class: A61K31/135; A61K31/192; A61K9/2054; A61K9/2077; A61P25/00; A61P29/00

Family Information

Patent Number	Publication Date	Application Number	Application Date
EP4188337 A1	20230607	EP20210749158	20210723
WO22023211 A1	20220203	WO2021EP70694	20210723

Priority Numbers: EP20200189024 [20200731]; SI20200000143 [20200821]; WO2021EP70694 [20210723]

Probable Patent Assignee: KRKA D D NOVO MESTO

Assignees: KRKA D D NOVO MESTO

Non Std Assignees: KRKA DD NOVO MESTO; KRKA DD

Inventors: SKRLEC KATJA; KORASA KLEMEN; PISANEC KATJA; SMIRNOVA ELENA; RASKOVIC RADIVOJE; HUDOVORNIK GREGA; PODGORSEK KATJA

Agent(s): HOFFMANN EITLE; HOFFMANN EITLE PATENT U RECHTSANWAELTE PARTMBB ASSOCIATION NO 151

Designated States: AL; AT; BA; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; KH; LI; LT; LU; LV; MA; MC; MD; ME; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TN; TR; AE; AG; AM; AO; AU; AZ; BB; BF; BH; BJ; BN; BR; BW; BY; BZ; CA; CF; CG; CI; CL; CM; CN; CO; CR; CU; DJ; DM; DO; DZ; EC; EG; GA; GD; GE; GH; GM; GN; GQ; GT; GW; HN; ID; IL; IN; IR; JO; JP; KE; KG; KM; KN; KP; KR; KW; KZ; LA; LC; LK; LR; LS; LY; MG; ML; MN; MR; MW; MX; MY; MZ; NA; NE; NG; NI; NZ; OM; PA; PE; PG; PH; QA; RU; RW; SA; SC; SD; SG; SL; SN; ST; SV; SY; SZ; TD; TG; TH; TJ; TM; TT; TZ; UA; UG; US; UZ; VC; VN; WS; ZA; ZM; ZW

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[EN] PHARMACEUTICAL TABLET

[EN] To provide a pharmaceutical tablet containing ibuprofen that can be easily taken by a user, and has improved tableting properties without causing deterioration of productivity. SOLUTION: A pharmaceutical preparation contains ibuprofen, acetaminophen, and amino acid. When the ibuprofen content ratio is A, the acetaminophen content ratio is B, and the amino acid content ratio is C, preferably, A:B:C=100:30-50:30-200. SELECTED DRAWING: None

International Class: A61K31/167; A61K31/192; A61K47/18; A61K9/20; A61P29/00; A61P43/00

[illegible]

Patent Number	Publication Date	Application Number	Application Date	
JP2020105133 A2	20200709	JP20180246926	20181228	特許
JP7231198 B2	20230301	JP20180246926	20181228	

Probable Patent Assignee: ARAX CO LTD

Assignees: ARAX CO LTD

Non Std Assignees: ARAKUSU KK; LTD ARAKUSU

Inventors: OGUCHI MASAOKI; KOJIMA KAZUO

16. Family 57222120 (US2015374650 AA)

[View in PatBase](#)

Title

[EN] PHARMACEUTICAL COMPOSITIONS CONTAINING DEXKETOPROFEN AND TRAMADOL

Abstract

[EN] A pharmaceutical composition as a solid oral dosage form is described, comprising: i) a combination of two pharmacological active principles, dexketoprofen salt with an organic or inorganic base and tramadol salt with an organic or inorganic acid, wherein: the organic or inorganic base is selected in the group: trometamol, trimethylamine, dimethylamine, ethylamine, triethylamine, diethylamine, L-lysine, L-arginine, diethanolamine, sodium hydroxide, calcium hydroxide the organic or inorganic acid is selected in the group: hydrochloric, hydrobromic, phosphoric, sulfuric, methanesulfonic, benzenesulfonic, toluenesulfonic, acetic, propionic, malic, maleic, succinic, citric, L-tartaric, lactic, malonic, aspartic, glutamic; ii) microcrystalline cellulose as a filler; iii) a binder selected in the group: maize starch, pre-gelatinised maize starch, hypromellose or their mixtures; iv) pharmaceutically acceptable excipients.

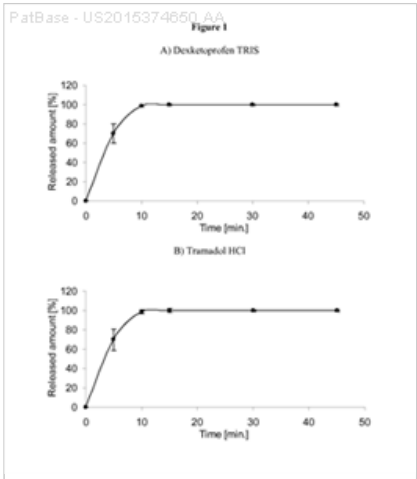
International Class: A61K31/135; A61K31/192; A61P25/04; A61P29/00; A61K9/20; A61K47/36; A61K9/16; A61K9/28; A61K; A61K47/38; A61P1/02; A61P25/06; A61P43/00; A61K31/00; A61K47/00; A61K9/00; A61K31/133; A61K9/42; A61K9/48; C07C217/54; C07C59/84

Cooperative Patent Class: A61K31/133; A61K31/135; A61K31/192; A61K47/36; A61K9/1682; A61K9/2054; A61K9/2059; A61K9/284; A61K9/2853; A61K9/2866; A61P1/02; A61P25/04; A61P25/06; A61P29/00; A61P43/00; A61K47/38; A61K2300/00

US Class: 1/1; 424/472; 514/570

Family Information

Patent Number	Publication Date	Application Number	Application Date	
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AR094783 AA	20150826	AR2014P100462	20140213	
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BR112015018952 A2	20170718	BR20151118952	20140206	
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CL2015002251 A1	20160205	CL20150002251	20150812	
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CR20150411 A	20151207	CR20150000411	20150812	
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DK2956129 T3	20180618	DK20140705987T	20140206	
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EA201591319 A1	20160129	EA20150091319	20140206	
ECSP15034660 A	20190329	EC20150034660	20150811	
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Patent Number	Publication Date	Application Number	Application Date	
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ID201606657 A	20161209	ID2015P0004940	20140206	
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MX353897 B	20180201	MX20150010431	20140206	
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Priority Numbers: IT2013MI00210 [20130214]; WO2014EP52342 [20140206]; EP20140705987 [20140206]

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Designated States: AL; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LT; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TR; ME; AE; AG; AM; AO; AU; AZ; BA; BB; BF; BH; BJ; BN; BR; BW; BY; BZ; CA; CF; CG; CI; CL; CM; CN; CO; CR; CU; DM; DO; DZ; EC; EG; GA; GD; GE; GH; GM; GN; GQ; GT; GW; HN; ID; IL; IN; IR; JP; KE; KG; KM; KN; KP; KR; KZ; LA; LC; LK; LR; LS; LY; MA; MD; MG; ML; MN; MR; MW; MX; MY; MZ; NA; NE; NG; NI; NZ; OM; PA; PE; PG; PH; QA; RU; RW; SA; SC; SD; SG; SL; SN; ST; SV; SY; SZ; TD; TG; TH; TJ; TM; TN; TT; TZ; UA; UG; US; UZ; VC; VN; ZA; ZM; ZW

17. Family 84749700 (WO21083867 A1)

[View in PatBase](#)

Title

[EN] PHARMACEUTICAL COMPOSITION INCLUDING A SYNERGISTIC COMBINATION OF IBUPROFEN AND N-ACETYL-CYSTEINE

Abstract

[EN] The present invention concerns a pharmaceutical composition comprising a synergistic combination of ibuprofen and N-acetylcysteine or a pharmaceutical acceptable salt thereof for use in the treatment of wet or productive coughing and other symptoms associated with upper respiratory tract infections such as fever and sore throat.

International Class: A61K31/192; A61K31/198; A61K9/00; A61K9/16; A61P11/12; A61P11/14; A61K

Cooperative Patent Class: A61K31/192; A61K31/198; A61K9/0056; A61K9/0095; A61K9/1611; A61K9/1623; A61K9/1652; A61P11/12; A61P11/14

Family Information

Patent Number	Publication Date	Application Number	Application Date
EP4051256 A1	20220907	EP20200793412	20201027
IT201900019858 A1	20210428	IT201910000019858	20191028
WO21083867 A1	20210506	WO2020EP80135	20201027

Priority Numbers: IT201910000019858 [20191028]; WO2020EP80135 [20201027]

Probable Patent Assignee: E PHARMA TRENTO S P A

Assignees: E PHARMA TRENTO S P A

Non Std Assignees: E PHARMA TRENTO SPA

Inventors: BOSCHETTI SILVIA; BENVENUTI CLAUDIO

Agent(s): PGA SPA; ALLAIX ROBERTO

Designated States: AL; AT; BA; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LT; LU; LV; MC; ME; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TR; AE; AG; AM; AO; AU; AZ; BB; BF; BH; BJ; BN; BR; BW; BY; BZ; CA; CF; CG; CI; CL; CM; CN; CO; CR; CU; DJ; DM; DO; DZ; EC; EG; GA; GD; GE; GH; GM; GN; GQ; GT; GW; HN; ID; IL; IN; IR; JO; JP; KE; KG; KH; KM; KN; KP; KR; KW; KZ; LA; LC; LK; LR; LS; LY; MA; MD; MG; ML; MN; MR; MW; MX; MY; MZ; NA; NE; NG; NI; NZ; OM; PA; PE; PG; PH; QA; RU; RW; SA; SC; SD; SG; SL; SN; ST; SV; SY; SZ; TD; TG; TH; TJ; TM; TN; TT; TZ; UA; UG; US; UZ; VC; VN; WS; ZA; ZM; ZW

18. Family 62411377 (WO16075617 A1)

[View in PatBase](#)

Title
[EN] FIXED DOSE PHARMACEUTICAL FORMULATIONS OF ANALGESIC AND ANTI-SPASMODIC DRUGS

Abstract
[EN] The invention relates to a fixed dose pharmaceutical formulation comprising analgesic agent and anti-spasmodic agent and one or more pharmaceutically acceptable excipients wherein the pharmaceutical formulation is used for relief of menstrual and abdominal cramps associated with dysmenorrhea.

International Class: A61K; A61K31/00; A61K47/00; A61P23/00; A61P43/00; A61K31/216; A61P1/06; A61P25/04; A61P29/00

Cooperative Patent Class: A61K31/00; A61K31/192; A61K31/47; A61K47/00; A61K9/2059; A61K9/2077; A61K9/209; A61P1/06; A61P23/00; A61P25/04; A61P29/00; A61P43/00

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Patent Number	Publication Date	Application Number	Application Date
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IN404921 B	20220902	IN2014CH05678	20141111
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RU2704613 C2	20191030	RU20170120470	20151110
WO16075617 A1	20160519	WO2015IB58667	20151110

Priority Numbers: IN2014CH05678 [20141111]; RU20170120470 [20151110]; WO2015IB58667 [20151110]

Probable Patent Assignee: DR REDDYS LABORATORIES LTD

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Agent(s): SOYUZPATENT OOO

Designated States: AE; AG; AL; AM; AO; AT; AU; AZ; BA; BB; BE; BF; BG; BH; BJ; BN; BR; BW; BY; BZ; CA; CF; CG; CH; CI; CL; CM; CN; CO; CR; CU; CY; CZ; DE; DK; DM; DO; DZ; EC; EE; EG; ES; FI; FR; GA; GB; GD; GE; GH; GM; GN; GQ; GR; GT; GW; HN; HR; HU; ID; IE; IL; IN; IR; IS; IT; JP; KE; KG; KM; KN; KP; KR; KZ; LA; LC; LK; LR; LS; LT; LU; LV; LY; MA; MC; MD; ME; MG; MK; ML; MN; MR; MT; MW; MX; MY; MZ; NA; NE; NG; NI; NL; NO; NZ; OM; PA; PE; PG; PH; PL; PT; QA; RO; RS; RU; RW; SA; SC; SD; SE; SG; SI; SK; SL; SM; SN; ST; SV; SY; SZ; TD; TG; TH; TJ; TM; TN; TR; TT; TZ; UA; UG; US; UZ; VC; VN; ZA; ZM; ZW

19. Family 91611662 (IN201721002146 A)

[View in PatBase](#)

Title

[EN] IBUPROFEN COCRYSTAL AND ITS PREPARATION

Abstract

[EN] The present invention provides an ibuprofen cocrystal. The cocrystals are characterized by percent yield, percent drug content, aqueous solubility, DSC, XRD, IR, stability, compatibility, invitro drug release, in vivo analgesic activity. The cocrystals are prepared using povidone as a coformer. The process involves dissolving ibuprofen lysine in ethanol to obtain an ethanolic solution of ibuprofen lysine; forming a coformer solution by dissolving povidone in ethanol; adding said coformer solution into ethanolic solution of ibuprofen in a drop-wise fashion under stirring to obtain a mixture; and allowing to evaporate ethanol from said mixture to obtain cocrystals of ibuprofen.

International Class: A61K31/192; A61K47/12; A61K9/14; B82Y15/00; C30B7/00

Family Information

Patent Number	Publication Date	Application Number	Application Date
IN201721002146 A	20220527	IN201721002146	20170119

Priority Numbers: IN201721002146 [20170119]

Probable Patent Assignee: BACHHAV RITESH RAJENDRA

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Non Std Inventors: KULKARNI ALPANA PRADEEP; BACHHAV RITESH RAJENDRA; SHASHTRI AARATI RENUKADAS

20. Family 91137129 (US2022125732 AA)

[View in PatBase](#)

Title
[EN] IBUPROFEN AND FAMOTIDINE TABLET

Abstract
[EN] The invention relates to a solid, pharmaceutical composition in compressed tablet form. The tablet comprises an ibuprofen core tablet, a pair of protective barriers and a famotidine outermost coating. The ibuprofen core tablet comprises ibuprofen and one or more pharmaceutically acceptable excipients selected from disintegrants, diluents, fillers, binders, glidants and lubricants. The pair of protective barrier coatings surround the ibuprofen core tablet. The first coating comprises a methacrylic acid and ethyl acrylate copolymer, a surfactant, and hydroxypropylmethylcellulose. The second coating comprises hydroxypropylmethylcellulose, and a plasticizer. The outermost coating comprises famotidine, polyvinyl alcohol and a plasticizer.

International Class: A61K31/192; A61K31/426; A61K9/20; A61K9/28

Cooperative Patent Class: A61K31/192; A61K31/426; A61K9/2009; A61K9/2027; A61K9/2054; A61K9/2095; A61K9/2886

Family Information

Patent Number	Publication Date	Application Number	Application Date
US2022125732 AA	20220428	US20210497660	20211008

Priority Numbers: US20200105022P [20201023]; US20210497660 [20211008]

Probable Patent Assignee: APPCO PHARMA LLC

Assignees: APPCO PHARMA LLC

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Non Std Inventors: SATISH MVK; CHOWDARY YV RAGHAVA

21. Family 90253249 (IN202021036809 A)

[View in PatBase](#)

Title

[EN] A STABLE PHARMACEUTICAL COMPOSITION OF IBUPROFEN AND FAMOTIDINE AND PROCESS OF PREPARING THEREOF

Abstract

[EN] A stable pharmaceutical composition comprising a core comprising Ibuprofen or salt thereof and a shell comprising famotidine or salt thereof wherein there is barrier layer separating Ibuprofen core and Famotidine shell. The configuration of the pharmaceutical composition of the present invention unexpectedly results in more stable composition wherein the Ibuprofen core along with excipients forms a volume of an about 80 percent to about 95 percent of the dosage form. The pharmaceutical composition of the present invention prepared by simple, less time consuming and cost effective process.

International Class: A61K31/192; A61K31/426; A61K47/12; A61K9/00; A61K9/20

Family Information

Patent Number	Publication Date	Application Number	Application Date
IN202021036809 A	20220304	IN202021036809	20200826

Priority Numbers: IN202021036809 [20200826]

Probable Patent Assignee: ALKEM LABORATORIES LTD

Non Std Assignees: ALKEM LABORATORIES LTD

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22. Family 43505987 (US2011014127 AA)

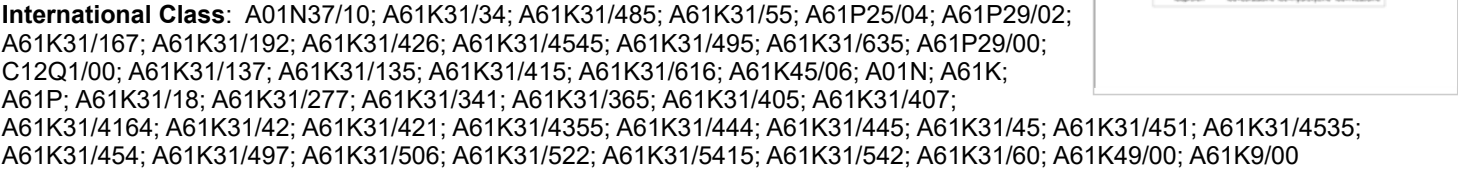
[View in PatBase](#)

Title

[EN] METHODS FOR MEASURING A PATIENT RESPONSE UPON ADMINISTRATION OF A DRUG AND COMPOSITIONS THEREOF

Abstract

[EN] Described herein are methods for effectively and accurately measuring a patient response upon administration of one or more drugs to the patient. The methods are more sensitive than current methodologies. Also described herein are compositions comprising an analgesic and a sufficient amount of an antihistamine to enhance the analgesic properties of the analgesic. With respect to these compositions, the methods described herein are useful for evaluating qualities of pain, definite improvement, and one or more bodily functions of a subject afflicted with pain. The compositions described herein are useful in improving the quality of pain in a subject or a bodily function of a subject afflicted with pain or definite improvement of a subject afflicted with pain.



Cooperative Patent Class: A61K31/167; A61K31/192; A61K31/415; A61K31/426; A61K31/485; A61K31/616; A61K45/06; A61K9/0053; A61P25/04; A61P29/00; A61P29/02; A61K2300/00

US Class: 1/1; 424/9.2; 424/9.200P; 514/165; 514/165S; 514/211.09; 514/211.090S; 514/212.01; 514/212.010S; 514/217.05; 514/217.050S; 514/225.2; 514/225.200S; 514/226.5; 514/226.500S; 514/252.16; 514/252.160S; 514/254.06; 514/254.060S; 514/255.04; 514/255.040S; 514/263.34; 514/263.340S; 514/269; 514/269S; 514/279; 514/279S; 514/282; 514/282S; 514/290; 514/290S; 514/315; 514/315S; 514/317; 514/317S; 514/318; 514/318S; 514/322; 514/322S; 514/324; 514/324S; 514/326; 514/326S; 514/327; 514/327S; 514/330; 514/330S; 514/334; 514/334S; 514/365; 514/365S; 514/370; 514/370S; 514/374; 514/374S; 514/378; 514/378S; 514/399; 514/399S; 514/400; 514/400S; 514/406; 514/406S; 514/411; 514/411S; 514/413; 514/413S; 514/420; 514/420S; 514/471; 514/471S; 514/473; 514/473S; 514/522; 514/522S; 514/569; 514/569S; 514/570; 514/570S; 514/605; 514/605S; 514/629; 514/629S; 514/646; 514/646S

Family Information

Patent Number	Publication Date	Application Number	Application Date
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Patent Number	Publication Date	Application Number	Application Date
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WO09089134 A1	20090716	WO2009US30079	20090105

Priority Numbers: US20080019025P [20080104]; WO2009US30079 [20090105]; AU20090204360 [20090105]; AU20150201278 [20150311]; CA20092739668 [20090105]; CA20162739668 [20160518]; CA20092930063 [20090105]; CA20172930063 [20170131]; US20080019025 [20080104]; EP20090700489 [20090105]; US20090811528 [20090105]; US20140291037 [20140530]; US20100811528 [20100908]; US20150700468 [20150430]; US20150740675 [20150616]; US20160381183 [20161216]; US20180023009 [20180629]

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Designated States: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LT; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; SE; SI; SK; TR; AL; BA; RS; AE; AG; AM; AO; AU; AZ; BB; BF; BH; BJ; BR; BW; BY; BZ; CA; CF; CG; CI; CM; CN; CO; CR; CU; DM; DO; DZ; EC; EG; GA; GD; GE; GH; GM; GN; GQ; GT; GW; HN; ID; IL; IN; JP; KE; KG; KM; KN; KP; KR; KZ; LA; LC; LK; LR; LS; LY; MA; MD; ME; MG; ML; MN; MR; MW; MX; MY; MZ; NA; NE; NG; NI; NZ; OM; PG; PH; RU; SC; SD; SG; SL; SM; SN; ST; SV; SY; SZ; TD; TG; TJ; TM; TN; TT; TZ; UA; UG; US; UZ; VC; VN; ZA; ZM; ZW

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[EN] IBUPROFEN-CONTAINING TABLET

[EN] PROBLEM TO BE SOLVED: To provide an ibuprofen-containing tablet that has improved tableting properties to achieve improved productivity, and also has improved ease of oral administration.

SOLUTION: An ibuprofen-containing tablet contains ibuprofen as an analgesic component, and rebamipide as a therapeutic agent for gastritis and gastric ulcer. Desirably, for the blending ratio of ibuprofen and rebamipide, the mass of rebamipide is 10-100 when the mass of ibuprofen is 100.

SELECTED DRAWING: None

International Class: A61K31/192; A61K31/4704; A61K9/20; A61P1/04; A61P29/00

[illegible]

Family Information

Patent Number	Publication Date	Application Number	Application Date
JP2019137632 A2	20190822	JP20180021966	20180209
JP6963281 B2	20211105	JP20180021966	20180209

Priority Numbers: JP20180021966 [20180209]

Probable Patent Assignee: ARAX CO LTD

Assignees: ARAX CO LTD

Non Std Assignees: ARAKUSU KK; LTD ARAKUSU

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24. Family 42961227 (US2009048345 AA)

[View in PatBase](#)

Title

[EN] IMMEDIATE RELEASE AND SUSTAINED RELEASE IBUPROFEN DOSING REGIMEN

Abstract

[EN] A method of administering non-steroidal-anti-inflammatory drugs, in particular propionic acid derivatives such as ibuprofen, is provided. The inventive dosage forms provide an initial release of the NSAID and a second sustained release of NSAID, preferably in a single dosing step.

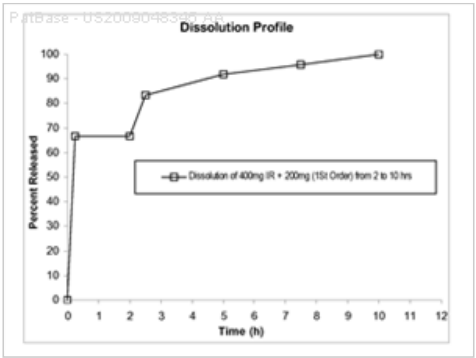
International Class: A61K31/185; A61K31/19; A61K9/20; A61K9/28; A61P29/00; A61K; A61P; A61K31/192; A61K9/22; A61K47/02; A61K47/38; A61K47/42

Cooperative Patent Class: A61K31/19; A61K31/192; A61K9/2086; A61K9/209; A61K9/2095; A61K9/2866; A61K9/2873; A61K9/2886; A61K9/2893; A61P29/00

US Class: 424/468; 514/570

Family Information

Patent Number	Publication Date	Application Number	Application Date
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US2012136060 AA	20120531	US20120367504	20120207
US8137694 BB	20120320	US20070839168	20070815



Patent Number	Publication Date	Application Number	Application Date
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WO09023030 A1	20090219	WO2007US75990	20070815
WO09023030 A8	20101125	WO2007US75990	20070815

Priority Numbers: WO2007US75990 [20070815]; US20070839168 [20070815]; AU20070357647 [20070815]; AU20140203508 [20140627]; AU20160203727 [20160603]; AU20140203508 [20070815]; AU20160203727 [20070815]; AU20180201651 [20180307]; EP20070840963 [20070815]; EP20130168715 [20070815]; KR20107005692 [20070815]; MX20100001789 [20100215]; RU20100109414 [20070815]; US20120367504 [20120207]

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Designated States: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IS; IT; LI; LT; LU; LV; MC; MT; NL; PL; PT; RO; SE; SI; SK; TR; AL; BA; HR; MK; RS; AE; AG; AM; AU; AZ; BB; BF; BH; BJ; BR; BW; BY; BZ; CA; CF; CG; CI; CM; CN; CO; CR; CU; DM; DO; DZ; EC; EG; GA; GD; GE; GH; GM; GN; GQ; GT; GW; HN; ID; IL; IN; JP; KE; KG; KM; KN; KP; KR; KZ; LA; LC; LK; LR; LS; LY; MA; MD; ME; MG; ML; MN; MR; MW; MX; MY; MZ; NA; NE; NG; NI; NO; NZ; OM; PG; PH; RU; SC; SD; SG; SL; SM; SN; SV; SY; SZ; TD; TG; TJ; TM; TN; TT; TZ; UA; UG; US; UZ; VC; VN; ZA; ZM; ZW

25. Family 86702700 (US2021259998 AA)

[View in PatBase](#)

Title
[EN] COMBINATION MEDICATION AND METHOD OF ADMINISTRATION

Abstract
[EN] A pharmaceutical formulation for the treatment of pain and method of administration. The pharmaceutical formulation comprises a therapeutically effective dosage of acetaminophen and a therapeutically effective dosage of a non-steroidal anti-inflammatory drug (NSAID) combined in a single unit dosage form. The pharmaceutical formulation is orally administered. A method of treating pain by orally administering the pharmaceutical formulation to a human is also provided.

International Class: A61K31/167; A61K31/19; A61K31/5415
Cooperative Patent Class: A61K31/167; A61K31/19; A61K31/5415

Family Information

Patent Number	Publication Date	Application Number	Application Date
US2021259998 AA	20210826	US20200855388	20200422

Priority Numbers: US20200980328P [20200223]; US20200855388 [20200422]
Probable Patent Assignee: AMAYA SHARAI
Assignees: AMAYA SHARAI
Inventors: AMAYA SHARAI

26. Family 47633896 (US2010311839 AA)

[View in PatBase](#)

Title

[EN] BURST DRUG RELEASE COMPOSITIONS

Abstract

[EN] A solid dose composition comprising at least one pharmaceutically active ingredient and at least one controlled release agent and method of manufacturing said composition is disclosed. The burst profile of at least one pharmaceutically active ingredient in the composition is regulated by the apparent viscosity of the controlled release agent and wherein at least one pharmaceutically active ingredient is processed by wet granulation.

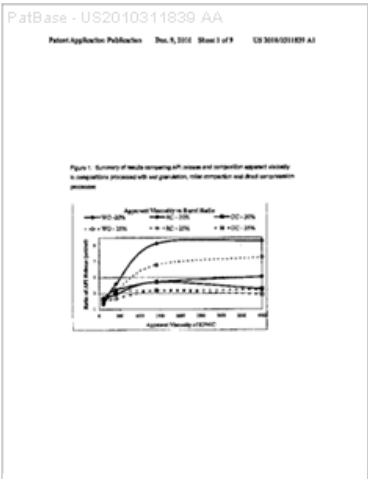
International Class: A61K31/192; A61K9/20; A61K47/38; A61K9/22; A61P29/00; A61K; A61P; A61K9/14; A61K9/48; A61K47/12; A61K9/24; A61K9/16; A61K31/437; A61K9/28; C07D498/16; C07D498/22; A61K9/00

Cooperative Patent Class: A61K31/192; A61K9/16; A61K9/2054; A61K9/2095; A61P29/00; A61K9/0002; A61K9/209

US Class: 1/1; 424/400; 424/472; 514/570; 514/781

Family Information

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Priority Numbers: US20090177943P [20090513]; WO2010US34660 [20100513]; AU20100248979 [20100513]; AU20140201094 [20140228]; CN201080030151 [20100513]; WO2010US34660 [20090513]; EP20100720087 [20100513]; EP20180199791 [20100513]; JP20120510998 [20100513]; JP20120510998T [20100513]; JP20150090130 [20150427]; RU20140146936 [20141124]; US20100779130 [20100513]; US20120662079 [20121026]; US20120661890 [20121026]; US20160133977 [20160420]; US20200804337 [20200228]

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27. Family 47901067 (US2010323005 AA)

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Title
[EN] SODIUM IBUPROFEN TABLETS AND METHODS OF MANUFACTURING PHARMACEUTICAL COMPOSITIONS INCLUDING SODIUM IBUPROFEN

Abstract
[EN] Sodium ibuprofen compositions and methods of manufacturing tablets and caplets comprising sodium ibuprofen are described. The formulation is advantageous because it allows for the formation of tablets having low sodium content and further provides tablets exhibiting improved physical stability, high tablet hardness and high strength, coupled with excellent dissolution and bioavailability characteristics. The formulations and processes are further advantageous because they can be produced in large quantities without an unacceptable number of defective tablets.

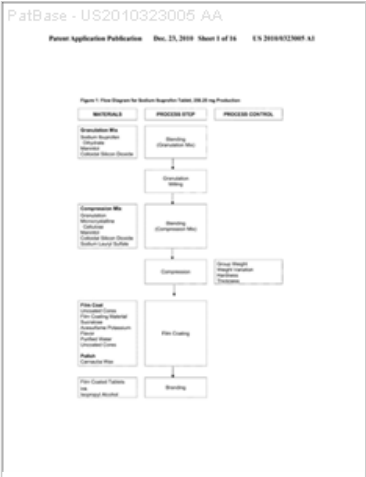
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Cooperative Patent Class: A61K31/192; A61K9/20; A61K9/2009; A61K9/2013; A61K9/2018; A61K9/2054; A61K9/2095; A61K9/28; A61K9/2853; A61K9/2866; A61K9/4858; A61K9/4866; A61P19/02; A61P29/00; A61P29/02

US Class: 1/1; 424/452; 424/452P; 424/463; 424/463S; 424/465; 424/465S; 424/474; 424/474S; 514/570; 514/570S; 562/496; 562/496S

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Priority Numbers: US20090219149P [20090622]; WO2010US39346 [20100621]; AU20100270976 [20100621]; AU20140200704 [20140210]; AU20150264861 [20151203]; CN201080027819 [20100621]; EP20100725949 [20100621]; HK20130105881 [20130520]; JP20120517628T [20100621]; JP20160145476 [20160725]; NZ20100596632 [20100621]; NZ20100620828 [20100621]; RU20150122313 [20100621]; US20100819760 [20100621]; US20150695470 [20150424]; US20170492680 [20170420]; US20190521128 [20190724]

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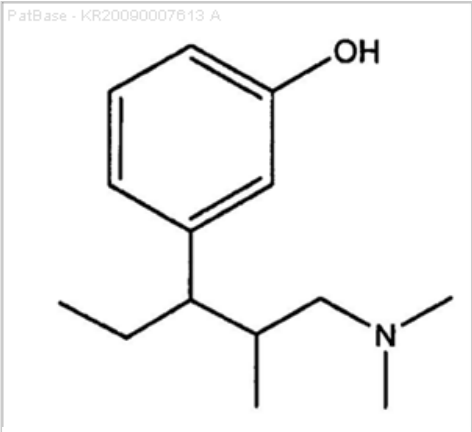
Designated States: AL; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LT; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; SE; SI; SK; SM; TR; BA; ME; RS; AE; AG; AM; AO; AU; AZ; BB; BF; BH; BJ; BR; BW; BY; BZ; CA; CF; CG; CI; CL; CM; CN; CO; CR; CU; DM; DO; DZ; EC; EG; GA; GD; GE; GH; GM; GN; GQ; GT; GW; HN; ID; IL; IN; JP; KE; KG; KM; KN; KP; KR; KZ; LA; LC; LK; LR; LS; LY; MA; MD; MG; ML; MN; MR; MW; MX; MY; MZ; NA; NE; NG; NI; NZ; OM; PE; PG; PH; RU; SC; SD; SG; SL; SN; ST; SV; SY; SZ; TD; TG; TH; TJ; TM; TN; TT; TZ; UA; UG; US; UZ; VC; VN; ZA; ZM; ZW

28. Family 40813775 (US2009099138 AA)

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Title
[EN] PHARMACEUTICAL COMBINATION

Abstract
[EN] A combination comprising as components (a) the compound 3-(3-Dimethylamino-1-ethyl-2-methyl-propyl)-phenol, and (b) one or more non-steroidal anti-inflammatory drugs (NSAIDs); a pharmaceutical salt comprising said components; a compound derived from said components; a pharmaceutical formulation and a dosage form comprising said combination, salt, or compound; as well as a method of treating pain, e.g. chronic or acute pain, in a mammal characterized in that components (a) and (b) are administered simultaneously or sequentially to a mammal, wherein component (a) may be administered before or after component (b) and wherein components (a) or (b) are administered to the mammal either via the same or a different pathway of administration.



International Class: A61K31/137; A61K31/192; A61K31/196; A61P29/00; C07C219/28; C07C229/42; C07D231/48; A61K31/522; A61K45/00; A61P25/04; A61P25/06; C07C215/54; C07C57/30; C07C59/84; A61K31/216; A61K31/4152; A61K31/621; A61K31/616; A61K45/06; C07C57/58; C07C59/64; C07C69/157; A61K; A61P; C07C215/66; C07C217/62; A61K31/185; A61K31/138; A61K31/437; A61K31/60; A61K31/405; A61K31/5415

Cooperative Patent Class: A61K31/135; A61K31/137; A61K31/192; A61K31/196; A61K31/405; A61K31/4152; A61K31/522; A61K31/5415; A61K45/06; A61K9/2054; A61K9/209; A61K9/4866; A61P25/04; A61P25/06; A61P29/00; C07C215/54; C07C229/42; C07C57/30; C07C57/58; C07C59/64; C07C59/84; C07C69/157; C07D231/48

US Class: 1/1; 514/162; 514/226.5; 514/263.31; 514/263.34; 514/299; 514/299S; 514/404; 514/567; 514/567S; 514/569; 514/570; 514/570S; 514/654; 514/654S; 564/355; 564/355S

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Designated States: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LT; LU; LV; MC; MT; NL; PL; PT; RO; SE; SI; SK; TR; AE; AG; AL; AM; AU; AZ; BA; BB; BF; BH; BJ; BR; BW; BY; BZ; CA; CF; CG; CI; CM; CN; CO; CR; CU; DM; DZ; EC; EG; GA; GD; GE; GH; GM; GN; GQ; GT; GW; HN; ID; IL; IN; JP; KE; KG; KM; KN; KP; KR; KZ; LA; LC; LK; LR; LS; LY; MA; MD; MG; MK; ML; MN; MR; MW; MX; MY; MZ; NA; NE; NG; NI; NO; NZ; OM; PG; PH; RS; RU; SC; SD; SG; SL; SM; SN; SV; SY; SZ; TD; TG; TJ; TM; TN; TT; TZ; UA; UG; US; UZ; VC; VN; ZA; ZM; ZW

29. Family 34517346 (US2010152173 AA)

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Title

[EN] TABLET HAVING IMPROVED STABILITY WITH AT LEAST TWO ACTIVES

Abstract

[EN] The present invention relates to a tablet comprising at least a first and second active, the first active being in the form of a non-aqueous granulate, the second active ingredient being in the form of melt extrudated granules or a granulate (aqueous or non-aqueous). The first and second active forms are blended together. The present invention is further directed to a method of producing said tablet.

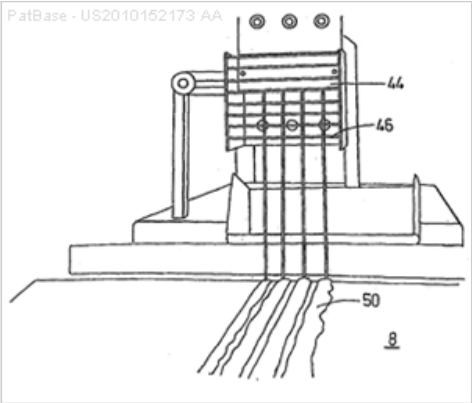
International Class: A61K31/135; A61K31/185; A61K31/192; A61K9/16; A61K9/20; A61K9/50; A61K31/138; A61P29/00; A61K31/19; A61K31/195; A61K31/435; A61K31/485; A61K31/5415; A61P11/00; A61P11/02; A61P11/14; A61K

Cooperative Patent Class: A61K31/135; A61K31/192; A61K9/1617; A61K9/1623; A61K9/1652; A61K9/20; A61K9/2077; A61K9/5084; A61P11/02; A61P11/14; A61P29/00

US Class: 514/226.5; 514/282; 514/290; 514/557; 514/567; 514/568; 514/570; 514/648

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Priority Numbers: GB20070005714 [20070324]; WO2008GB00933 [20080319]; EP20080718773 [20080319]; GB20070057144 [20070324]

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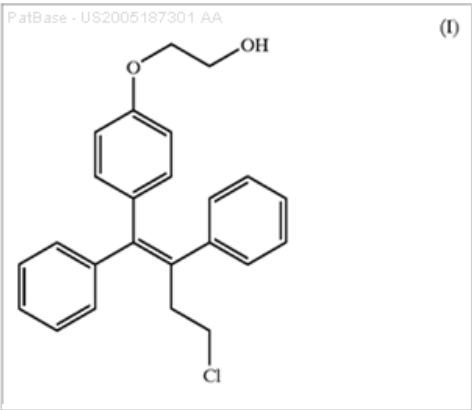
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30. Family 32193337 (US2005187301 AA)

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Title
[EN] SOLID FORMULATIONS OF OSPEMIFENE

Abstract
[EN] This invention relates to a solid drug formulation comprising granulates containing a therapeutically active compound of the formula (I) or a geometric isomer, a stereoisomer, a pharmaceutically acceptable salt, an ester thereof or a metabolite thereof, in combination with one or more intra-granular excipients.



FDA Data

Application Number	Active Ingredient	Proprietary Name	Applicant	Date Of Approval
203505	OSPEMIFENE	OSPHENA	DUCHESNAY	20130226
203505	OSPEMIFENE	OSPHENA	SHIONOGI INC	20130226

International Class: A61K31/075; A61K31/085; A61K9/14; A61K9/16; A61K9/20; A61K47/12; A61K47/22; A61K47/24; A61K47/26; A61K47/34; A61K47/38; A61K47/44; A61K9/48; A61P15/00; A61P15/12; A61P19/00; A61P19/10; A61P5/00; A61P5/32; A61K9/00; A61J3/00; A61K47/00; A61K31/85

Cooperative Patent Class: A61K31/075; A61K31/085; A61K9/0053; A61K9/16; A61K9/1623; A61K9/1635; A61K9/1652; A61K9/1694; A61K9/20; A61K9/2059; A61K9/2077; A61K9/2095; A61P15/12; A61P19/10; A61P5/32; A61K9/1617; A61K9/1682; A61K9/2013; A61K9/2018; A61K9/2027; A61K9/205

US Class: 424/451; 424/464; 424/464S; 424/499; 514/720

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AU2005215174 BB	20100603	AU20050215174	20050119	
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Patent Number	Publication Date	Application Number	Application Date	
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Priority Numbers: US20040783024 [20040223]; WO2005FI00037 [20050119]; EP20050708125 [20050119]; KR20067019056 [20060915]; RU20060133902 [20060922]; US20140168842 [20140130]

Probable Patent Assignee: QUATRX PHARMACEUTICALS CO

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Designated States: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IS; IT; LI; LT; LU; LV; MC; NL; PL; PT; RO; SE; SI; SK; TR; AE; AG; AL; AM; AU; AZ; BA; BB; BF; BJ; BR; BW; BY; BZ; CA; CF; CG; CI; CM; CN; CO; CR; CU; DM; DZ; EC; EG; GA; GD; GE; GH; GM; GN; GQ; GW; HR; ID; IL; IN; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; MA; MD; MG; MK; ML; MN; MR; MW; MX; MZ; NA; NE; NI; NO; NZ; OM; PG; PH; RU; SC; SD; SG; SL; SN; SY; SZ; TD; TG; TJ; TM; TN; TT; TZ; UA; UG; US; UZ; VC; VN; YU; ZA; ZM; ZW

31. Family 81286521 (US2006068009 AA)

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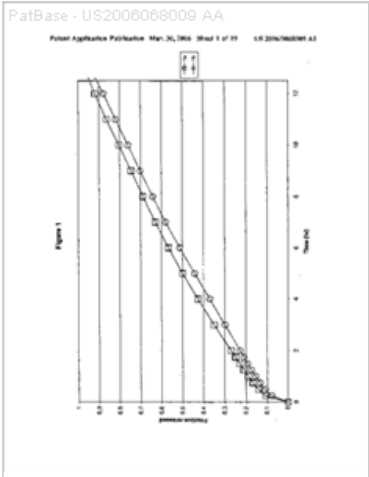
Title
[EN] MODIFIED RELEASE IBUPROFEN DOSAGE FORM

Abstract
[EN] The present invention is a solid dosage form for oral administration of ibuprofen comprising a modified release formulation of ibuprofen which provides an immediate burst effect and thereafter a sustained release of sufficient ibuprofen to maintain blood levels at least 6.4 mug/ml over an extended period of at least 8 hours following administration of a single dose. The dosage form releases ibuprofen at a rate sufficient to initially deliver a effective amount of ibuprofen within about 2.0 hours following administration. The dosage form then subsequently delivers the remaining amount of ibuprofen at a relatively constant rate sufficient to maintain a level of ibuprofen over a predetermined delivery period of for at least 8 hours.

International Class: A61K9/14; A61K9/20; A61K9/22; A61K31/185; A61K31/192; A61K47/38; A61K9/16; A61K9/26; A61K31/00; A61K; A61K47/02; A61K47/12; A61K47/16; A61K47/18; A61K47/26; A61K47/34; A61K47/36; A61P29/00; A61P19/00; A61P19/02; A61K47/30; A61K31/19; A61K9/00

Cooperative Patent Class: A61K31/19; A61K9/20; A61K9/2013; A61K9/2031; A61K9/2054; A61P29/00; A61K31/192; A61K47/02; A61P19/02; A61K47/183; A61K47/38; A61K9/2009; A61K9/2059

US Class: 1/1; 424/456; 424/457; 424/458; 424/461; 424/462; 424/464; 424/465; 424/468; 424/480; 424/481; 424/482; 514/568; 514/570; 514/770; 514/781



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AU2005292185 BB	20100617	AU20050292185	20050930
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AU2007328390 BB	20121115	AU20070328390	20071128
AU2007328393 AA	20080612	AU20070328393	20071128
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Priority Numbers: US20040614932P [20040930]; US20050689631P [20050610]; US20050238802 [20050929]; WO2005US35630 [20050930]; US20060633322 [20061204]; US20070906303 [20071001]; WO2007US24489 [20071128]; WO2007US24496 [20071128]; EP20050805851 [20050930]; EP20070862281 [20071128]; US20040614932 [20040930]; US20100706429 [20100216]; US20150611372 [20150202]

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Agent(s): SHELSTON IP; SHELSTON IP PTY LTD; SPRUSON AND FERGUSON; PIZZEYS PATENT AND TRADE MARK ATTORNEYS; BLAKE CASSELS AND GRAYDON LLP; BORDEN LADNER GERVASIS LLP; MAURICIO JARAMILLO CAMPUZANO; WITTE WELLER AND PARTNER PATENTANWALTE MBB; SCHWABE SANDMAIR MARX; MAGGS MICHAEL NORMAN; KILBURN AND STRODE LLP; CHINA PATENT AGENT HK LTD; IT AND T INT PATENT AND TRADEMARK AGENT LTD; DEACONS; SANFORD TCOLB AND CO; AGUSTIN MANUEL VELAZQUEZ GARCIA LOPEZ; HERIBERTO RAUL LOPEZ PADILLA; RATNERPRESTIA; TAFT STETTINIUS AND HOLLISTER LLP; JOSEPH; ANDERSEN ROBERT L

Designated States: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IS; IT; LI; LT; LU; LV; MC; NL; PL; PT; RO; SE; SI; SK; TR; MT; AE; AG; AL; AM; AU; AZ; BA; BB; BF; BJ; BR; BW; BY; BZ; CA; CF; CG; CI; CM; CN; CO; CR; CU; DM; DZ; EC; EG; GA; GD; GE; GH; GM; GN; GQ; GW; HR; ID; IL; IN; JP; KE; KG; KM; KP; KR; KZ; LC; LK; LR; LS; LY; MA; MD; MG; MK; ML; MN; MR; MW; MX; MZ; NA; NE; NG; NI; NO; NZ; OM; PG; PH; RU; SC; SD; SG; SL; SM; SN; SY; SZ; TD; TG; TJ; TM; TN; TT; TZ; UA; UG; US; UZ; VC; VN; YU; ZA; ZM; ZW; BH; DO; GT; HN; KN; LA; ME; MY; RS; SV

32. Family 34385588 (US2008213361 AA)

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Title
[EN] METHOD FOR PRODUCTION OF DIRECTLY COMPRESSIBLE IBUPROFEN FORMULATIONS

Abstract
[EN] A directly tabletable ibuprofen formulation comprising a) 50-99 percent by weight of crystalline ibuprofen, b) 1-15 percent by weight of a finely divided excipient with a surface area of at least 100 m²/g, and c) 0-40 percent by weight of further excipients, with the proviso that the total amount of components a) to c) corresponds to 100 percent by weight, where at least 50 percent of the surface of the ibuprofen crystals are covered with the finely divided excipient.

International Class: A61K9/16; A61K9/20; C07C57/00; C07C57/30; A61K31/185; A61K31/192; A61K47/02; A61K47/04; A61K47/10; A61K47/12; A61K47/16; A61K47/18; A61K47/26; A61K47/32; A61K47/34; A61K47/36; A61K47/38; A61K9/26; A61P29/00; A61K31/19; A61K9/22; C07C63/04; A61K09/16

Cooperative Patent Class: A61K31/192; A61K9/1688; A61K9/2009; A61K9/2054; A61K9/2095; A61P29/00

US Class: 424/464; 424/465; 424/468; 424/469; 424/470; 514/570; 562/493

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AU2006301307 BB	20120112	AU20060301307	20061005	
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BRPI0617180 B8	20210525	BR2006PI17180	20061005	
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Priority Numbers: DE200510049001 [20051011]; WO2006EP67058 [20061005]; EP20060806988 [20061005]

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Non Std Assignees: BASF AKTIENGESELLSCHAFT

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Designated States: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IS; IT; LI; LT; LU; LV; MC; NL; PL; PT; RO; SE; SI; SK; TR; AE; AG; AL; AM; AU; AZ; BA; BB; BF; BJ; BR; BW; BY; BZ; CA; CF; CG; CI; CM; CN; CO; CR; CU; DM; DZ; EC; EG; GA; GD; GE; GH; GM; GN; GQ; GW; HN; HR; ID; IL; IN; JP; KE; KG; KM; KN; KP; KR; KZ; LA; LC; LK; LR; LS; LY; MA; MD; MG; MK; ML; MN; MR; MW; MX; MY; MZ; NA; NE; NG; NI; NO; NZ; OM; PG; PH; RS; RU; SC; SD; SG; SL; SM; SN; SV; SY; SZ; TD; TG; TJ; TM; TN; TT; TZ; UA; UG; US; UZ; VC; VN; ZA; ZM; ZW

33. Family 51431200 (WO12091090 A1)

[View in PatBase](#)

Title
[EN] ANTIPYRETIC/ANALGESIC COMPOSITION

Abstract
[EN] Provided is a stable pharmaceutical composition containing ibuprofen and butylscopolammonium bromide. A pharmaceutical composition comprising ibuprofen, butylscopolammonium bromide and a moisture-absorbing polymer.

International Class: A61K31/192; A61K31/46; A61K47/32; A61K47/36; A61K47/38; A61K9/16; A61K9/20; A61K9/28; A61K31/439; A61K47/02; A61K47/04; A61P29/00; A61K9/14; A61P43/00; A61K47/58; A61K9/02; A61K9/48; A61P11/00; A61P15/00; A61P19/02; A61P25/00; A61K9/06; A61P25/04; A61K47/30

Cooperative Patent Class: A61K31/192; A61K31/46; A61K47/30; A61K47/32; A61K47/38; A61K9/2009; A61K9/2018; A61K9/2027; A61K9/2054; A61K9/2813; A61K9/282; A61K9/2866; A61P11/00; A61P15/00; A61P19/02; A61P25/00; A61P29/00; A61P43/00



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Priority Numbers: JP20100292812 [20101228]; JP20110188208 [20110831]; WO2011JP80383 [20111228]; EP20110853993 [20111228]; JP20120191189 [20120831]; JP20120551040T [20111228]; JP20160118465 [20160615]; JP20160118465 [20111228]; JP20170228529 [20111228]; JP20190098189 [20190527]; JP20190098189 [20111228]; JP20210019518 [20210210]

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Designated States: AL; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LT; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TR; AE; AG; AM; AO; AU; AZ; BA; BB; BF; BH; BJ; BR; BW; BY; BZ; CA; CF; CG; CI; CL; CM; CN; CO; CR; CU; DM; DO; DZ; EC; EG; GA; GD; GE; GH; GM; GN; GQ; GT; GW; HN; ID; IL; IN; JP; KE; KG; KM; KN; KP;

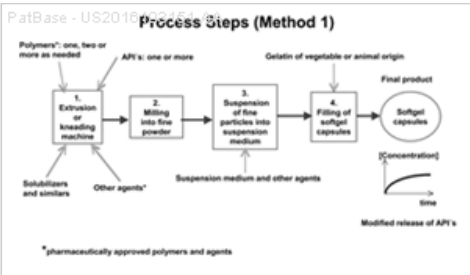
KR; KZ; LA; LC; LK; LR; LS; LY; MA; MD; ME; MG; ML; MN; MR; MW; MX; MY; MZ; NA; NE; NG; NI; NZ; OM; PE; PG; PH; QA;
RU; RW; SC; SD; SG; SL; SN; ST; SV; SY; SZ; TD; TG; TH; TJ; TM; TN; TT; TZ; UA; UG; US; UZ; VC; VN; ZM; ZW; ZA

34. Family 62820835 (US2016193151 AA)

[View in PatBase](#)

Title
[EN] DOSAGE FORM INCORPORATING AN AMORPHOUS DRUG SOLID SOLUTION

Abstract
[EN] The dissolution of Active Pharmaceutical Ingredients in polymeric melts plays an important role in the manufacturing of drugs that use polymers as excipients. The dissolution kinetics is essential for designing the processing equipment, describing the operating conditions, and defining material properties, for example, the appropriate API-polymer(s) pair. In one embodiment of the invention, the solubility of ketoprofen (KTO) in Soluplus(R), Kollidon(R) VA64, Kollidon(R) SR and a combination of three; was analyzed under Hot Melt Extrusion (HME) processing conditions. Thermal characterization techniques show that a single phase amorphous solid solution (only one Tg) was achieved by HME at 120 degrees centigrade and 70 rpm. The sample's stability was analyzed for 4 weeks and the single phase amorphous solid solution was maintained during that time. An extended release profile of KTO was achieved, releasing 100 percent of KTO in 12 h. The invention is particularly useful to target a specific release profile.



International Class: A61J3/00; A61K9/00; A61M37/00; A61K47/34; A61K9/14; A61K9/16; A61K9/48; A23L33/00; A61K31/138; A61K31/167; A61K31/196; A61K31/343; A61K31/365; A61K31/366; A61K31/37; A61K31/397; A61K31/40; A61K31/403; A61K31/41; A61K31/4168; A61K31/4196; A61K31/421; A61K31/427; A61K31/433; A61K31/4365; A61K31/4402; A61K31/4535; A61K31/4706; A61K31/472; A61K31/473; A61K31/4745; A61K31/475; A61K31/49; A61K31/495; A61K31/496; A61K31/498; A61K31/505; A61K31/519; A61K31/522; A61K31/53; A61K31/536; A61K31/5375; A61K31/5415; A61K31/546; A61K31/549; A61K31/55; A61K31/5513; A61K31/554; A61K31/57; A61K31/63; A61K31/64; A61K31/7048; A61K31/7052; A61K9/06; A61K9/10; A61K9/20; A61K9/70; C07D205/08; C07D207/34; C07D209/52; C07D209/88; C07D211/90; C07D213/30; C07D215/46; C07D217/26; C07D219/10; C07D223/26; C07D231/12; C07D235/32; C07D239/10; C07D241/24; C07D241/46; C07D243/24; C07D249/08; C07D253/06; C07D257/04; C07D263/24; C07D265/18; C07D265/30; C07D277/28; C07D281/16; C07D285/135; C07D285/28; C07D295/088; C07D305/12; C07D307/88; C07D307/94; C07D309/30; C07D311/56; C07D333/56; C07D401/06; C07D405/14; C07D453/04; C07D471/06; C07D471/14; C07D473/18; C07D475/04; C07D495/04; C07D501/24; C07D519/04; C07H17/00; C07H17/08; C07J53/00; A61K31/192; A61K31/216; A61K45/00; A61K31/4184; A61K9/50

Cooperative Patent Class: A61K31/167; A61K31/192; A61K31/216; A61K31/4184; A61K31/522; A61K31/554; A61K47/34; A61K9/10; A61K9/146; A61K9/2022; A61K9/4808; A61K9/5026; A61K9/7007; A61K9/7023

US Class: 264/141; 424/451; 424/456; 514/211.13; 514/543; 514/570; 540/551; 544/258; 544/49; 548/139; 549/494; 552/574; 560/52; 562/460; 564/167; 564/223

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Priority Numbers: US20150100117P [20150106]; US20150849571 [20150909]; WO2015US49412 [20150910]; JP20170536876T [20150910]; JP20200186543 [20201109]

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Designated States: AL; AT; BA; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LT; LU; LV; MC; ME; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TR; AE; AG; AM; AO; AU; AZ; BB; BF; BH; BJ; BN; BR; BW; BY; BZ; CA; CF; CG; CI; CL; CM; CN; CO; CR; CU; DM; DO; DZ; EC; EG; GA; GD; GE; GH; GM; GN; GQ; GT; GW; HN; ID; IL; IN; IR; JP; KE; KG; KM; KN; KP; KR; KZ; LA; LC; LK; LR; LS; LY; MA; MD; MG; ML; MN; MR; MW; MX; MY; MZ; NA; NE; NG; NI; NZ; OM; PA; PE; PG; PH; QA; RU; RW; SA; SC; SD; SG; SL; SN; ST; SV; SY; SZ; TD; TG; TH; TJ; TM; TN; TT; TZ; UA; UG; US; UZ; VC; VN; ZA; ZM; ZW

35. Family 59616237 (IN01009DE2013 A)

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Title

[EN] FORMULATION OF MULTIPLE-UNIT TABLET OF ACECLOFENAC

Abstract

[EN] The present invention relates to multiple-unit tablet dosage forms which are composed of small beads. Each small bead further composed of many layers. Some layer contains drug substance; others are rate controlling polymer. Multiple-unit tablet dosage form offered more advantages over monolithic dosage form because they can provide controlled release and targeted release within the gastrointestinal tract. The advantages of controlled release multiple-unit tablet formulations are well known and include the ability to maintain a desired blood concentration level for a prolonged period of time while increasing patient compliance by reducing the frequency of dose administration necessary to achieve the same. The resulting multiple-unit tablet dosage forms of aceclofenac were satisfactory fabricated.

International Class: A61K9/52

Family Information

Patent Number	Publication Date	Application Number	Application Date
IN01009DE2013 A	20150626	IN2013DE01009	20130404
IN362517 B	20210326	IN2013DE01009	20130404

Priority Numbers: IN2013DE01009 [20130404]

Probable Patent Assignee: VIPIN SAINI

Assignees: VIPIN SAINI

Inventors: VIPIN SAINI

36. Family 53749551 (US2014303250 AA)

[View in PatBase](#)

Title

[EN] PHARMACEUTICAL SOLID COMPOSITIONS CONTAINING IBUPROFEN SALTS

Abstract

[EN] A pharmaceutical, non-effervescent, solid composition comprising a mixture of a pharmaceutically effective amount of a ibuprofen salt and a pharmaceutically acceptable strong base in a molar ratio of from 1:0.01 to 1:0.8, said composition being such that, when dissolved in drinkable water for dilution, imparts a pH value ranging from 9 to 9.5 to the obtained solution, which do not cause sensory irritation to the oral cavity especially to the back of the mouth and throat, when swallowed.

International Class: A61K31/192; A61K47/02; A61K9/00; A61K31/205

Cooperative Patent Class: A61K31/192; A61K31/205; A61K47/02; A61K9/0095; A61K9/009

US Class: 514/555

Family Information

Patent Number	Publication Date	Application Number	Application Date
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CA2851209 C	20200714	CA20122851209	20121114
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US2021030705 AA	20210204	US20200073561	20201019
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Priority Numbers: EP20110009132 [20111117]; WO2012EP72542 [20121114]; US20140356650 [20140507]; US20200073561 [20201019]

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Designated States: AL; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LT; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TR; BA; ME; AE; AG; AM; AO; AU; AZ; BB; BF; BH; BJ; BN; BR; BW; BY; BZ; CA; CF; CG; CI; CL; CM; CN; CO; CR; CU; DM; DO; DZ; EC; EG; GA; GD; GE; GH; GM; GN; GQ; GT; GW; HN; ID; IL; IN; JP; KE; KG; KM; KN; KP; KR; KZ; LA; LC; LK; LR; LS; LY; MA; MD; MG; ML; MN; MR; MW; MX; MY; MZ; NA; NE; NG; NI; NZ; OM; PA; PE; PG; PH; QA; RU; RW; SC; SD; SG; SL; SN; ST; SV; SY; SZ; TD; TG; TH; TJ; TM; TN; TT; TZ; UA; UG; US; UZ; VC; VN; ZA; ZM; ZW

37. Family 49704995 (US2013064890 AA)

[View in PatBase](#)

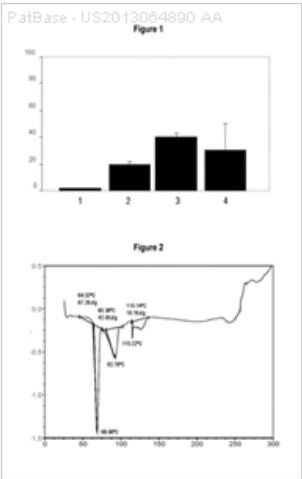
Title
[EN] PHARMACEUTICAL FORMULATION BASED ON IBUPROFEN AND CODEINE HAVING IMPROVED STABILITY

Abstract
[EN] Pharmaceutical formulation based on ibuprofen and codeine having improved stability. The invention consists of a novel pharmaceutical formulation having the form of tablets or similar comprising a core composed of an association of ibuprofen and codeine as active ingredients, together with an excipient including at least a diluent, a disintegrating agent, a fluidizing agent and a lubricant which is sodium stearyl fumarate. Said core is coated with a composition based on one or several polymers of diverse modified cellulose ethers and polymers derived from acrylic and methacrylic acids, a plasticiser and, an opacifier or colouring agent and any of the mixtures thereof. These characteristics render the tablets of the invention more efficacious and safe having the form of more stable preparations, without this fact implying greater technological complexity.

International Class: A61K31/192; A61K31/485; A61K45/06; A61K9/20; A61K9/28; A61P25/04; A61P29/00; A61K47/14; A61J3/10; A61K9/32; A61K9/36; B05D7/00; A61K9/30

Cooperative Patent Class: A61K31/192; A61K31/485; A61K45/06; A61K47/14; A61K9/2013; A61K9/2095; A61K9/2846; A61K9/2866; A61P25/04; A61P29/00

US Class: 264/109; 424/465; 427/2.14; 514/282



Family Information

Patent Number	Publication Date	Application Number	Application Date
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DE602011066270 D1	20200507	DE201160066270T	20110325
EP2554164 A1	20130206	EP20110762059	20110325
EP2554164 A4	20140514	EP20110762059	20110325
EP2554164 B1	20200415	EP20110762059	20110325
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ES2365961 BA	20130124	ES20100030479	20100330
ES2803430 T3	20210126	ES20110762059T	20110325
US2013064890 AA	20130314	US20110635662	20110325
WO11121160 A1	20111006	WO2011ES70203	20110325

Priority Numbers: ES20100030479 [20100330]; EP20110762059 [20110325]; WO2011ES70203 [20110325]

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Designated States: AL; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LT; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TR; AE; AG; AM; AO; AU; AZ; BA; BB; BF; BH; BJ; BR; BW; BY; BZ; CA; CF; CG; CI; CL; CM; CN; CO; CR; CU; DM; DO; DZ; EC; EG; GA; GD; GE; GH; GM; GN; GQ; GT; GW; HN; ID; IL; IN; JP; KE; KG; KM; KN; KP; KR; KZ; LA; LC; LK; LR; LS; LY; MA; MD; ME; MG; ML; MN; MR; MW; MX; MY; MZ; NA; NE; NG; NI; NZ; OM; PE; PG; PH; RU; SC; SD; SG; SL; SN; ST; SV; SY; SZ; TD; TG; TH; TJ; TM; TN; TT; TZ; UA; UG; US; UZ; VC; VN; ZA; ZM; ZW

38. Family 44926536 (US2011166234 AA)

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Title
[EN] MEDICINAL PRODUCT AND TREATMENT

Abstract
[EN] The use of paracetamol and ibuprofen in the preparation of a medicament for treating osteoarthritis or rheumatoid arthritis, wherein the medicament comprises a combination composition having approximately 125 mg to approximately 150 mg ibuprofen and approximately 475 mg to approximately 500 mg paracetamol.

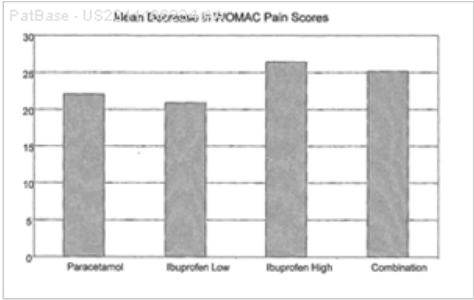
International Class: A61K31/167; A61K31/192; A61P19/00; A61P29/00; A61P19/02; A61K9/20; A61K9/48; A61P43/00; A61K31/00; A61K31/185; A61K; A61P

Cooperative Patent Class: A61K31/167; A61K31/192; A61P19/00; A61P29/00

US Class: 514/570

Family Information

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CL2011000678 A1	20110923	CL20110000678	20110328	
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GB2476418 B2	20130424	GB20110005249	20091012	
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JP2012505830 T2	20120308	JP20110530978T	20091012	
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Patent Number	Publication Date	Application Number	Application Date	
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Priority Numbers: NZ20080569612 [20081014]; WO2009NZ00220 [20091012]; EP20090820803 [20091012]; NZ20090591496 [20091012]

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Designated States: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LT; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; SE; SI; SK; SM; TR; AL; BA; RS; AE; AG; AM; AO; AU; AZ; BB; BF; BH; BJ; BR; BW; BY; BZ; CA; CF; CG; CI; CL; CM; CN; CO; CR; CU; DM; DO; DZ; EC; EG; GA; GD; GE; GH; GM; GN; GQ; GT; GW; HN; ID; IL; IN; JP; KE; KG; KM; KN; KP; KR; KZ; LA; LC; LK; LR; LS; LY; MA; MD; ME; MG; ML; MN; MR; MW; MX; MY; MZ; NA; NE; NG; NI; NZ; OM; PE; PG; PH; RU; SC; SD; SG; SL; SN; ST; SV; SY; SZ; TD; TG; TJ; TM; TN; TT; TZ; UA; UG; US; UZ; VC; VN; ZA; ZM; ZW

39. Family 44283109 (US2011182984 AA)

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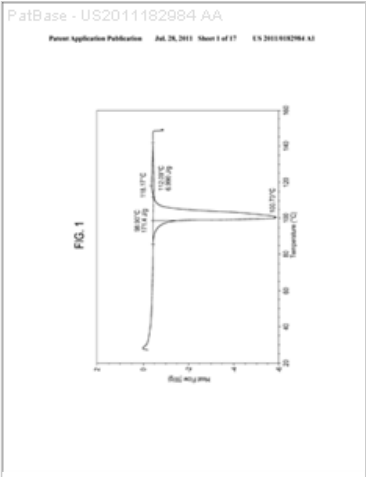
Title
[EN] HIGH CONTENT SODIUM IBUPROFEN GRANULES, THEIR PREPARATION AND THEIR USE IN PREPARING NON-EFFERVESCENT SOLID DOSAGE FORMS

Abstract
[EN] Granules of racemic sodium ibuprofen dihydrate formed from components specified herein have very desirable properties and can be effectively used in conventional rotary press tableting equipment without operational difficulties often encountered in actual practice. Their preparation by a wet granulation process, the wet granule compositions, formulations adapted for preparation of solid dosage forms utilizing a rotary press, solid dosage forms, and methods of preparing solid dosage forms in a rotary press are also described.

International Class: A61K9/16; A61K9/20; A61K31/192; A61K9/48; C07C53/134; A61K; A61K47/02; A61K47/12; A61K47/32; A61K47/36; A61K47/38; A61K9/26; A61J3/06; A61J3/07; A61K47/04; A61P29/00; A61K31/185; A61K47/30

Cooperative Patent Class: A61K31/192; A61K9/1611; A61K9/1635; A61K9/1652; A61K9/1694; A61K9/2009; A61K9/2027; A61K9/2054; A61P29/00; A61K9/2077; A61K9/2095

US Class: 1/1; 424/451; 424/451P; 424/464; 424/501; 514/570; 514/570S



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WO14093073 A1	20140619	WO2013US72981	20131204	

Priority Numbers: US20080082445P [20080721]; US20120714768 [20121214]; WO2013US72981 [20131204]; WO2009US50405 [20090713]; EP20090790340 [20090713]; US20170459862 [20170315]; US20110054369 [20110407]; US20090054369 [20090713]

Probable Patent Assignee: SI GROUP INC

Assignees: ALBEMARLE CORP; SI GROUP INC; ALBERMARLE CORP; HU PATRICK C

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Designated States: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LT; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; SE; SI; SK; SM; TR; AL; BA; RS; ME; AE; AG; AM; AO; AU; AZ; BB; BF; BH; BJ; BR; BW; BY; BZ; CA; CF; CG; CI; CL; CM; CN; CO; CR; CU; DM; DO; DZ; EC; EG; GA; GD; GE; GH; GM; GN; GQ; GT; GW; HN; ID; IL; IN; JP; KE; KG; KM; KN; KP; KR; KZ; LA; LC; LK; LR; LS; LY; MA; MD; MG; ML; MN; MR; MW; MX; MY; MZ; NA; NE; NG; NI; NZ; OM; PE; PG; PH; RU; SC; SD; SG; SL; SN; ST; SV; SY; SZ; TD; TG; TJ; TM; TN; TT; TZ; UA; UG; US; UZ; VC; VN; ZA; ZM; ZW; BN; IR; PA; QA; RW; SA; TH

40. Family 32453434 (US2009142392 AA)

[View in PatBase](#)

Title
[EN] COMPOSITION COMPRISING A NSAID AND PARACETAMOL

Abstract
[EN] A process for producing a granular composition comprising a plurality of solidified melt granules including a non-steroidal anti-inflammatory drug (NSAID) and paracetamol (acetaminophen), the process comprising the steps of: (a) forming a melt mixture by mixing a molten NSAID free acid and paracetamol, optionally with one or more excipients; and (b) forming the melt mixture into solidified melt granules. The granules are useable in compositions for treating pain and/or inflammation and/or fever.

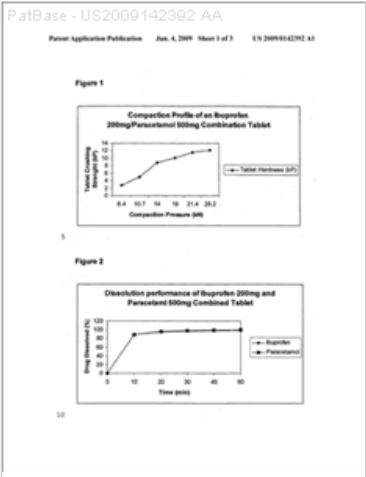
International Class: A61K31/185; A61K31/192; A61K31/67; A61K45/00; A61K45/06; A61K9/16; A61K9/20; A61P29/00; A61K; A61K31/167; B29B9/00

Cooperative Patent Class: A61K31/192; A61K31/67; A61K45/06; A61K9/1652; A61K9/1694; A61K9/2054; A61K9/2077; A61P29/00

US Class: 264/5; 264/5S; 424/464; 424/464P; 514/570; 514/570S; 514/629; 514/629S

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Patent Number	Publication Date	Application Number	Application Date
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AU2006293798 BB	20120816	AU20060293798	20060907
AU2012251941 AA	20121206	AU20120251941	20121113
AU2012251941 BB	20140703	AU20120251941	20121113
CA2623281 AA	20080320	CA20062623281	20060907
CN101267807 A	20080917	CN200680034841	20060907
CN101267807 B	20130410	CN200680034841	20060907
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Patent Number	Publication Date	Application Number	Application Date
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Priority Numbers: GB20050019350 [20050922]; WO2006GB03297 [20060907]; AU20060293798 [20060907]; AU20120251941 [20121113]; EP20060779316 [20060907]; EP20140199017 [20060907]

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Designated States: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IS; IT; LI; LT; LU; LV; MC; NL; PL; PT; RO; SE; SI; SK; TR; AE; AG; AL; AM; AU; AZ; BA; BB; BF; BJ; BR; BW; BY; BZ; CA; CF; CG; CI; CM; CN; CO; CR; CU; DM; DZ; EC; EG; GA; GD; GE; GH; GM; GN; GQ; GW; HN; HR; ID; IL; IN; JP; KE; KG; KM; KN; KP; KR; KZ; LA; LC; LK; LR; LS; LY; MA; MD; MG; MK; ML; MN; MR; MW; MX; MY; MZ; NA; NE; NG; NI; NO; NZ; OM; PG; PH; RS; RU; SC; SD; SG; SL; SM; SN; SV; SY; SZ; TD; TG; TJ; TM; TN; TT; TZ; UA; UG; US; UZ; VC; VN; ZA; ZM; ZW

41. Family 78118767 (IN201841035899 A)

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Title

[EN] STABLE PHARMACEUTICAL COMPOSITIONS OF IBUPROFEN AND FAMOTIDINE

Abstract

[EN] The present invention relates to stable pharmaceutical compositions of Ibuprofen and Famotidine in a single unit dosage form. The present invention also provides trilayer tablet and tablet-in-tablet dosage forms comprising Ibuprofen and Famotidine. It also relates to process for the preparation of dosage forms by combining Ibuprofen and Famotidine with at least one additive and turning down to a unit dosage form wherein, the unit dosage form can be capsule, tablet-in-tablet and tablets in capsule, separate coated granules filled into capsule.

International Class: A61K31/192; A61K31/426; A61K9/20; A61K9/48; A61K9/50

Family Information

Patent Number	Publication Date	Application Number	Application Date
IN201841035899 A	20200327	IN201841035899	20180924

Priority Numbers: IN201841035899 [20180924]

Probable Patent Assignee: GRANULES INDIA LTD

Non Std Assignees: GRANULES INDIA LTD

Non Std Inventors: KRISHNA PRASAD CHIGURUPATI; SADASIVUDU POTHANA; MANIKANDAN RAMALINGAM; SWAPNA MUCHAKURTHI; PRASAD VURE

42. Family 75999313 (WO19212426 A2)

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Title
[EN] DELAYED RELEASE DEXKETOPROFEN COMPOSITION

Abstract
[EN] The present invention is related to pharmaceutical compositions comprising dexketoprofen free base And dexketoprofen trometamol to be used to treat fever, mild and moderate pain, headache, toothache, migraine prophylaxis and mialgia diseases.

International Class: A61K31/00; A61K31/192; A61K47/38; A61K9/20; A61P29/00; A61K9/00; A61K47/00

Cooperative Patent Class: A61K31/192; A61K9/2846; A61K9/2866; A61P29/00

Family Information

Patent Number	Publication Date	Application Number	Application Date
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WO20022976 A2	20200130	WO2018TR00136	20181228
WO20022976 A3	20200312	WO2018TR00136	20181228

Priority Numbers: TR20170023035 [20171229]; TR20180015617 [20181019]

Probable Patent Assignee: NEUTEC AR GE SANAYI VE TICARET ANONIM SIRKETI

Assignees: NEUTEC AR GE SANAYI VE TICARET ANONIM SIRKETI; NEUTEC AR GE SANAYI VE TİLCARET ANONIM SIRKETI

Inventors: MAHMUT BILGIC; BILGIC MAHMUT

Agent(s): BURCU GOEKDEMIR; GOEKDEMIR BURCU

Designated States: AE; AG; AL; AM; AO; AT; AU; AZ; BA; BB; BE; BF; BG; BH; BJ; BN; BR; BW; BY; BZ; CA; CF; CG; CH; CI; CL; CM; CN; CO; CR; CU; CY; CZ; DE; DJ; DK; DM; DO; DZ; EC; EE; EG; ES; FI; FR; GA; GB; GD; GE; GH; GM; GN; GQ; GR; GT; GW; HN; HR; HU; ID; IE; IL; IN; IR; IS; IT; JO; JP; KE; KG; KH; KM; KN; KP; KR; KW; KZ; LA; LC; LK; LR; LS; LT; LU; LV; LY; MA; MC; MD; ME; MG; MK; ML; MN; MR; MT; MW; MX; MY; MZ; NA; NE; NG; NI; NL; NO; NZ; OM; PA; PE; PG; PH; PL; PT; QA; RO; RS; RU; RW; SA; SC; SD; SE; SG; SI; SK; SL; SM; SN; ST; SV; SY; SZ; TD; TG; TH; TJ; TM; TN; TR; TT; TZ; UA; UG; US; UZ; VC; VN; ZA; ZM; ZW

43. Family 32558844 (US2008200549 AA)

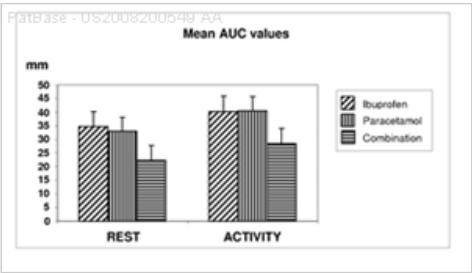
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Title

[EN] PHARMACEUTICAL COMPOSITION OF IBUPROFEN AND PARACETAMOL AND METHODS OF USING THE SAME

Abstract

[EN] A combination pharmaceutical composition for the treatment of pain comprising between about 125 mg and about 150 mg ibuprofen and between about 475 mg and about 500 mg paracetamol, and a method for alleviating pain in a patient comprising administering to the patient a pharmaceutical composition comprising between about 125 mg and about 150 mg ibuprofen and between about 475 mg and about 500 mg paracetamol.



FDA Data

Application Number	Active Ingredient	Proprietary Name	Applicant	Date Of Approval
209471	ACETAMINOPHEN; IBUPROFEN	COMBOGESIC	AFT PHARMS LTD	20230301

International Class: A61K31/16; A61K31/167; A61K31/192; A61K31/215; A61K31/185; A61P29/00; A61K31/21; A61K31/216; A61K31/44; A61P25/00; A61P25/04; A61K31/165; A61K31/19; A61K31/00; A61K; A61P

Cooperative Patent Class: A61K31/16; A61K31/165; A61K31/167; A61K31/19; A61K31/192; A61K31/215; A61K31/216; A61K31/44; A61K9/2059; A61P25/04; A61P29/00

US Class: 514/529; 514/529S; 514/570; 514/576; 514/629; 514/629S

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Patent Number	Publication Date	Application Number	Application Date
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Priority Numbers: NZ20040533982 [20040707]; WO2005NZ00168 [20050707]; AU20050260243 [20050707]; AU20080202029 [20080507]; EP20050764510 [20050707]; RU20070101686 [20050707]; US20130857802 [20130405]; US20060570887 [20061219]; US20050570887 [20050707]; US20100924812 [20100930]; US20080113171 [20080430]

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Designated States: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GR; HU; IE; IS; IT; LI; LT; LU; LV; MC; NL; PL; PT; RO; SE; SI; SK; TR; GB; AE; AG; AL; AM; AU; AZ; BA; BB; BF; BJ; BR; BW; BY; BZ; CA; CF; CG; CI; CM; CN; CO; CR; CU; DM; DZ; EC; EG; GA; GD; GE; GH; GM; GN; GQ; GW; HR; ID; IL; IN; JP; KE; KG; KM; KP; KR; KZ; LC; LK; LR; LS; MA; MD; MG; MK; ML; MN; MR; MW; MX; MZ; NA; NE; NG; NI; NO; NZ; OM; PG; PH; RU; SC; SD; SG; SL; SM; SN; SY; SZ; TD; TG; TJ; TM; TN; TT; TZ; UA; UG; US; UZ; VC; VN; YU; ZA; ZM; ZW

44. Family 48433269 (WO11027009 A1)

[View in PatBase](#)

Title

[EN] PHARMACEUTICAL COMPOSITION COMPRISING IBUPROFEN, TRAMADOL AND A BASIC AMINO ACID, PREPARATION METHOD THEREOF AND USE OF SAME

Abstract

[EN] The present invention relates to: a pharmaceutical composition comprising ibuprofen, tramadol or one of the pharmaceutically acceptable salts thereof, and a basic amino acid selected among arginine, lysine and mixtures thereof, intended to be administered orally; a method for preparing said composition; and the use thereof, in particular, for treating moderate to severe pain, both chronic and acute, as well as inflammation, fever and/or other complaints for which ibuprofen and/or tramadol are traditionally used.

International Class: A61K31/137; A61K31/192; A61K31/198; A61K47/10; A61K47/18; A61K9/08; A61K9/16; A61K9/20; A61K9/28; A61P25/04; A61P29/00; A61K31/00; A61K47/00; A61K9/00; A61P25/00

Cooperative Patent Class: A61K31/137; A61K31/192; A61K31/198; A61K47/10; A61K47/183; A61K9/08; A61K9/1617; A61K9/1623; A61K9/1652; A61K9/2013; A61K9/2018; A61K9/2054; A61K9/2059; A61K9/2095; A61K9/2866; A61P25/00; A61P25/04; A61P29/00

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EP2474309 A1	20120711	EP20100813374	20100322

Patent Number	Publication Date	Application Number	Application Date
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PT2474309 T	20181130	PT20100813374T	20100322
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TR201817951 T4	20181221	TR20180017951T	20100322
WO11027009 A1	20110310	WO2010ES00114	20100322

Priority Numbers: ES20090001823 [20090904]; WO2010ES00114 [20100322]; EP20100813374 [20100322]

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Designated States: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LT; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; SE; SI; SK; SM; TR; AE; AG; AL; AM; AO; AU; AZ; BA; BB; BF; BH; BJ; BR; BW; BY; BZ; CA; CF; CG; CI; CL; CM; CN; CO; CR; CU; DM; DO; DZ; EC; EG; GA; GD; GE; GH; GM; GN; GQ; GT; GW; HN; ID; IL; IN; JP; KE; KG; KM; KN; KP; KR; KZ; LA; LC; LK; LR; LS; LY; MA; MD; ME; MG; ML; MN; MR; MW; MX; MY; MZ; NA; NE; NG; NI; NZ; OM; PE; PG; PH; RS; RU; SC; SD; SG; SL; SN; ST; SV; SY; SZ; TD; TG; TH; TJ; TM; TN; TT; TZ; UA; UG; US; UZ; VC; VN; ZA; ZM; ZW

45. Family 76605347 (US2019350883 AA)

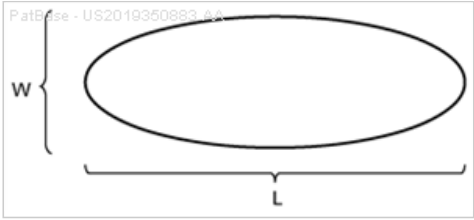
[View in PatBase](#)

Title

[EN] PHARMACEUTICAL COMPOSITION OF ACETAMINOPHEN/IBUPROFEN

Abstract

[EN] A solid oral dosage form comprising therapeutically effective amounts of acetaminophen and a non-steroidal anti-inflammatory drug (NSAID) as active ingredients. The dosage form may contain binder material to cohesively bind the ingredients. The dosage form may further comprise a disintegrant to ensure effective disintegration in the gastrointestinal tract. For example, the solid oral dosage form may be a single tablet that contains about 1,000 mg of acetaminophen and about 400 mg of ibuprofen. In another example, the solid oral dosage form may be a single tablet that contains about 650 mg of acetaminophen and about 400 mg of ibuprofen. This invention may be particularly suitable in the management of dental pain.



International Class: A61K31/167; A61K31/192; A61K9/20; A61K9/28

Cooperative Patent Class: A61K31/167; A61K31/192; A61K9/2027; A61K9/2054; A61K9/2059; A61K9/28; A61K9/48

Family Information

Patent Number	Publication Date	Application Number	Application Date
US2019350883 AA	20191121	US20190416369	20190520

Priority Numbers: US20180674001P [20180520]; US20190416369 [20190520]

Probable Patent Assignee: CHAU LUAN

Assignees: CHAU LUAN

Inventors: CHAU LUAN

46. Family 76564542 (IN201841017647 A)

[View in PatBase](#)

Title

[EN] PHARMACEUTICAL COMPOSITION COMPRISING IBUPROFEN AND FAMOTIDINE

Abstract

[EN] This invention relates to a stable pharmaceutical composition comprising combination of therapeutically effective amount of ibuprofen and famotidine as an active agents and process of preparation thereof. The invention also relates to the use of said formulation for the relief of signs and symptoms of rheumatoid arthritis, osteoarthritis and to decrease the risk of developing upper gastrointestinal ulcers. The composition is further prepared as layered tablet in which two active ingredients are separated from each other to provide stable pharmaceutical compositions.

International Class: A61K9/00

Family Information

Patent Number	Publication Date	Application Number	Application Date
IN201841017647 A	20191115	IN201841017647	20180510

Priority Numbers: IN201841017647 [20180510]

Probable Patent Assignee: AUROBINDO PHARMA LTD

Non Std Assignees: AUROBINDO PHARMA LTD

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47. Family 67366751 (US2017312224 AA)

[View in PatBase](#)

Title

[EN] EXTENDED RELEASE FORMULATIONS OF FLURBIPROFEN AND TRAMADOL

Abstract

[EN] The present invention relates to a pharmaceutical formulation comprising an immediate release phase comprising an effective amount of flurbiprofen and a controlled release phase comprising an effective amount of tramadol and pharmaceutically acceptable excipients.

International Class: A61K31/135; A61K31/192; A61K9/20; A61K9/24; A61K31/00; A61K9/22; A61P29/00; A61K31/137

Cooperative Patent Class: A61K31/135; A61K31/137; A61K31/192; A61K9/2009; A61K9/2013; A61K9/2018; A61K9/2054; A61K9/2059; A61K9/209; A61P29/00; A61K9/2027; A61K9/2031

US Class: 1/1; 424/464; 424/472

Family Information

Patent Number	Publication Date	Application Number	Application Date
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EP3238714 A1	20171101	EP20170168465	20170427
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TR201605504 A2	20171121	TR20160005504	20160428
TR201605504 B	20190923	TR20160005504	20160428
TR201605632 A1	20171121	TR20160005632	20160502
TR201605632 B	20180921	TR20160005632	20160502
US2017312224 AA	20171102	US20170499472	20170427
US2017312236 AA	20171102	US20170498100	20170426

Priority Numbers: TR20160005504 [20160428]; TR20160005632 [20160502]

Probable Patent Assignee: SANOVEL ILAC SANAYI VE TICARET ANONIM SIRKETI

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Agent(s): SEVINC ERKAN; ERCAN ERGENEKON

Designated States: AL; AT; BA; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LT; LU; LV; MC; ME; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TR

48. Family 62976253 (IN00119MU2015 A)

[View in PatBase](#)

Title
[EN] DEXKETOPROFEN PHARMACEUTICAL COMPOSITIONS

Abstract
[EN] The present invention relates to pharmaceutical dosage forms comprising dexketoprofen and to the process for preparation of these dexketoprofen compositions.

International Class: A61K31/192

Family Information

Patent Number	Publication Date	Application Number	Application Date
IN00119MU2015 A	20160715	IN2015MU00119	20150113
IN316445 B	20190726	IN2015MU00119	20150113

Priority Numbers: IN2015MU00119 [20150113]
Probable Patent Assignee: EMCURE PHARMACEUTICALS LTD
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49. Family 61378769 (WO16007105 A1)

[View in PatBase](#)

Title

[EN] AN ORAL PHARMACEUTICAL COMPOSITION COMPRISING IBUPROFEN, IBUPROFEN SODIUM DIHYDRATE, PSEUDOEPHEDRINE HYDROCHLORIDE AND CHLORPHENIRAMINE MALEATE

Abstract

[EN] The present invention relates to a pharmaceutical composition for oral use comprising a mixture of ibuprofen and ibuprofen sodium dihydrate, pseudoephedrine hydrochloride, and chlorpheniramine maleate in an acceptable carrier wherein the weight ratio of ibuprofen to ibuprofen sodium dihydrate as free acid equivalent is 19:1 to 1:1 and more than 15 percent of total ibuprofen dissolves in 15 minutes in 900 ml of 0.1 N HC1 solution at pH 1.2 at 37 degrees centigrade using USP Type II (paddle) apparatus rotating at 50 RPM.

International Class: A61K9/00; A61K9/20; A61K1/00

Cooperative Patent Class: A61K9/0053; A61K9/20

Family Information

Patent Number	Publication Date	Application Number	Application Date
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EP2965746 B1	20190313	EP20140002377	20140710
TR201705210 T1	20170821	TR20170005210T	20150629
TR201906877 T4	20190521	TR20190006877T	20140710
WO16007105 A1	20160114	WO2015TR00275	20150629

Priority Numbers: EP20140002377 [20140710]; WO2015TR00275 [20150629]

Probable Patent Assignee: SANTA FARMA ILAC SANAYI A S

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Designated States: AL; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LT; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TR; BA; ME; AE; AG; AM; AO; AU; AZ; BB; BF; BH; BJ; BN; BR; BW; BY; BZ; CA; CF; CG; CI; CL; CM; CN; CO; CR; CU; DM; DO; DZ; EC; EG; GA; GD; GE; GH; GM; GN; GQ; GT; GW; HN; ID; IL; IN; IR; JP; KE; KG; KM; KN; KP; KR; KZ; LA; LC; LK; LR; LS; LY; MA; MD; MG; ML; MN; MR; MW; MX; MY; MZ; NA; NE; NG; NI; NZ; OM; PA; PE; PG; PH; QA; RU; RW; SA; SC; SD; SG; SL; SN; ST; SV; SY; SZ; TD; TG; TH; TJ; TM; TN; TT; TZ; UA; UG; US; UZ; VC; VN; ZA; ZM; ZW

50. Family 15496141 (US2004219220 AA)

[View in PatBase](#)

Title
[EN] THERAPEUTIC AGENTS

Abstract
[EN] A process for the preparation of a granular composition comprising solidified melt granules comprising a non-steroidal anti-inflammatory drug (NSAID) as a continuous phase, which process comprising the steps of: (a) melt-extruding the NSAID, optionally with excipients; (b) forming a homogeneous extrudate; (c) cooling the extrudate; and (d) comminuting the cooled extrudate to form granules; characterised in that in the step (a) the NSAID is fully melted and that in step (b) the extrudate is formed into two or more ribbons having a depth of 10 mm or less and which solidify in 5 minutes or less.

International Class: A61K31/192; A61K45/00; A61K9/16; A61K9/20; A61P15/00; A61P19/02; A61P19/10; A61P25/04; A61P29/00; B01J2/00; B01J2/20; B02C23/08; B29C48/14; B29C48/88; A61K31/185; A61P19/00; A61P25/00; B02C23/00; A61J3/02; B30B11/22; B30B11/24; A61K45/06; A61K45/08; B29C48/40; B29C47/38; A61K; A61K9/14; B29B9/00

Cooperative Patent Class: A61K2121/00; A61K31/192; A61K45/06; A61K9/16; A61K9/1682; A61K9/1688; A61K9/1694; A61K9/2077; A61P15/00; A61P19/02; A61P19/10; A61P25/04; A61P29/00; B01J2/20; B29C48/40; B29C48/41; B29C48/57

US Class: 264/5; 264/5S; 424/489; 424/489P

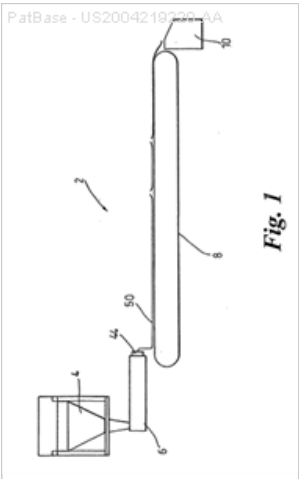
Family Information

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WO02098391 A3	20031030	WO2002GB02556	20020530

Priority Numbers: GB20010013841 [20010607]; WO2002GB02556 [20020530]; EP20100158751 [20020530]; EP20020727770 [20020530]

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Designated States: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE; TR; LT; LV; RO; SI; AE; AG; AL; AM; AU; AZ; BA; BB; BF; BG; BJ; BR; BY; BZ; CA; CF; CG; CI; CM; CN; CO; CR; CU; CZ; DM; DZ; EC; EE; GA; GD; GE; GH; GM; GN; GQ; GW; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; MA; MD; MG; MK; ML; MN; MR; MW; MX; MZ; NE; NO; NZ; PH; PL; RU; SD; SG; SK; SL; SN; SZ; TD; TG; TJ; TM; TT; TZ; UA; UG; US; UZ; VN; YU; ZA; ZM; ZW

51. Family 49901514 (US2013109754 AA)

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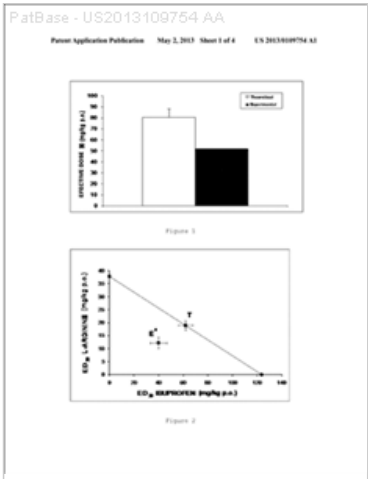
Title
[EN] COMBINATION OF AN NSAID AND AN AMINO ACID

Abstract
[EN] The invention relates to an oral pharmaceutical composition comprising the combination of an ibuprofen salt or S(+)-ibuprofen with L-arginine and/or the pharmaceutically acceptable salts thereof, and additionally pharmaceutically acceptable vehicles and/or excipients. The invention also relates to the method of producing the composition and to the use of said composition having synergic therapeutic activity, for treating moderate to severe inflammatory pain, fever and inflammation.

International Class: A61K31/192; A61K31/198; A61P29/00; A61K31/05; A61K31/365; A61P3/04; C07C39/21; C07D305/12; A61K31/00; A61K31/197; A61K9/10; A61K9/14; A61K9/20

Cooperative Patent Class: A61K31/192; A61K31/198; A61P29/00; A61P3/04; A61K2300/00

US Class: 1/1; 514/565



Family Information

Patent Number	Publication Date	Application Number	Application Date	
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BR112012028300 A2	20161101	BR20121128300	20110428	
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CL2012003065 A1	20130111	CL20120003065	20121031	
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RU2575775 C2	20160220	RU20120151921	20110428	
US2013109754 AA	20130502	US20110696022	20110428	
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WO11138653 A1	20111110	WO2011IB00916	20110428	

Priority Numbers: MX20100004974 [20100504]; WO2011IB00916 [20110428]

Probable Patent Assignee: LABORATORIOS SENOSIAIN DE CV SA

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Designated States: AE; AG; AL; AM; AO; AT; AU; AZ; BA; BB; BE; BF; BG; BH; BJ; BR; BW; BY; BZ; CA; CF; CG; CH; CI; CL; CM; CN; CO; CR; CU; CY; CZ; DE; DK; DM; DO; DZ; EC; EE; EG; ES; FI; FR; GA; GB; GD; GE; GH; GM; GN; GQ; GR; GT; GW; HN; HR; HU; ID; IE; IL; IN; IS; IT; JP; KE; KG; KM; KN; KP; KR; KZ; LA; LC; LK; LR; LS; LT; LU; LV; LY; MA; MC; MD; ME; MG; MK; ML; MN; MR; MT; MW; MX; MY; MZ; NA; NE; NG; NI; NL; NO; NZ; OM; PE; PG; PH; PL; PT; RO; RS; RU; SC; SD; SE; SG; SI; SK; SL; SM; SN; ST; SV; SY; SZ; TD; TG; TH; TJ; TM; TN; TR; TT; TZ; UA; UG; US; UZ; VC; VN; ZA; ZM; ZW

52. Family 56775200 (WO15016695 A1)

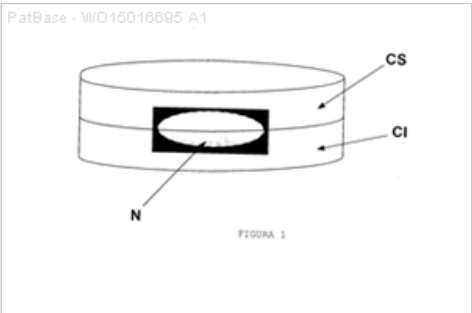
[View in PatBase](#)

Title

[EN] NOVEL BIPHASIC-DELIVERY PHARMACEUTICAL SYSTEM FOR THE TREATMENT OF PAIN AND INFLAMMATION

Abstract

[EN] The present invention relates to stable pharmaceutical compositions comprising a tablet/tablet system, consisting of the compression of a tablet within another tablet with a biphasic-delivery system of at least one analogue of (1R, 2R)-2-[(dimethylamino)methyl]-1-(3-methoxyphenyl)cyclohexanol (Tramadol) and/or the pharmaceutically acceptable salts thereof and/or one analogue of 2-[(2,6-dichlorophenyl)amino]benzeneacetic acid carboxymethyl ester (Aceclofenac) and/or the pharmaceutically stable salts thereof contained in the tablet. Said compositions are useful for controlling and/or preventing and/or treating acute and/or chronic pain and also acute and/or chronic inflammation.



International Class: A61K31/137; A61K31/216; A61K9/22; A61P29/00; A61K31/135; A61P25/04

Cooperative Patent Class: A61K31/135; A61K31/216; A61K9/209; A61P25/04; A61P29/00

Family Information

Patent Number	Publication Date	Application Number	Application Date
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MX362435 B	20190117	MX20130008996	20130802
WO15016695 A1	20150205	WO2014MX00114	20140724

Priority Numbers: MX20130008996 [20130802]

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Non Std Assignees: LABORATORIO RAAM DE SAHUAYO DE CV SA

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Designated States: AE; AG; AL; AM; AO; AT; AU; AZ; BA; BB; BE; BF; BG; BH; BJ; BN; BR; BW; BY; BZ; CA; CF; CG; CH; CI; CL; CM; CN; CO; CR; CU; CY; CZ; DE; DK; DM; DO; DZ; EC; EE; EG; ES; FI; FR; GA; GB; GD; GE; GH; GM; GN; GQ; GR; GT; GW; HN; HR; HU; ID; IE; IL; IN; IR; IS; IT; JP; KE; KG; KM; KN; KP; KR; KZ; LA; LC; LK; LR; LS; LT; LU; LV; LY; MA; MC; MD; ME; MG; MK; ML; MN; MR; MT; MW; MX; MY; MZ; NA; NE; NG; NI; NL; NO; NZ; OM; PA; PE; PG; PH; PL; PT; QA; RO; RS; RU; RW; SA; SC; SD; SE; SG; SI; SK; SL; SM; SN; ST; SV; SY; SZ; TD; TG; TH; TJ; TM; TN; TR; TT; TZ; UA; UG; US; UZ; VC; VN; ZA; ZM; ZW

53. Family 70523584 (IN201721002127 A)

[View in PatBase](#)

Title

[EN] IBUPROFEN COCRYSTAL AND ITS PREPARATION

Abstract

[EN] The present invention provides an ibuprofen cocrystal. The cocrystals are characterized by percent yield, percent drug content, aqueous solubility, DSC, XRD, IR, stability, compatibility, invitro drug release, in vivo analgesic activity. The cocrystals are prepared using povidone as a coformer. The process involves mixing Ibuprofen lysine with povidone in a mixer for a period of 10 to 30 minutes to obtain a homogenised mixture; adding ethanol in a drop-wise fashion to said mixture with continuous trituration for a period of 10-30 minutes to obtain a dispersion; and evaporating ethanol from said dispersion at a temperature ranging from 32-400C to obtain cocrystals of ibuprofen.

International Class: C07C57/30; C07D213/82

Family Information

Patent Number	Publication Date	Application Number	Application Date
IN201721002127 A	20180720	IN201721002127	20170119

Priority Numbers: IN201721002127 [20170119]

Probable Patent Assignee: BACHHAV RITESH RAJENDRA

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54. Family 65423896 (WO17060920 A1)

[View in PatBase](#)

Title
[EN] PHARMACEUTICAL COMPOSITIONS

Abstract
[EN] Disclosed herein is a pharmaceutical composition of Ibuprofen or its pharmaceutically acceptable salt, enantiomers thereof and methods of preparing them. The present invention further discloses a cost effective method of producing stable pharmaceutical compositions of Ibuprofen or its pharmaceutically acceptable salts, enantiomers thereof. The process of the present invention involves the use of glidant in three stages of formulation to obtain free flowing granules that impart better mold release properties and minimize the tablet weight variation.

International Class: A61K31/00; A61Q13/00; D01G13/00
Cooperative Patent Class: A61K31/192; A61K9/1694; A61K9/2018

Family Information

Patent Number	Publication Date	Application Number	Application Date
IN201827008230 A	20180511	IN201827008230	20180306
WO17060920 A1	20170413	WO2016IN50337	20161005

Priority Numbers: IN2015CH05304 [20151005]; WO2016IN50337 [20161005]

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Designated States: AE; AG; AL; AM; AO; AT; AU; AZ; BA; BB; BE; BF; BG; BH; BJ; BN; BR; BW; BY; BZ; CA; CF; CG; CH; CI; CL; CM; CN; CO; CR; CU; CY; CZ; DE; DJ; DK; DM; DO; DZ; EC; EE; EG; ES; FI; FR; GA; GB; GD; GE; GH; GM; GN; GQ; GR; GT; GW; HN; HR; HU; ID; IE; IL; IN; IR; IS; IT; JP; KE; KG; KM; KN; KP; KR; KW; KZ; LA; LC; LK; LR; LS; LT; LU; LV; LY; MA; MC; MD; ME; MG; MK; ML; MN; MR; MT; MW; MX; MY; MZ; NA; NE; NG; NI; NL; NO; NZ; OM; PA; PE; PG; PH; PL; PT; QA; RO; RS; RU; RW; SA; SC; SD; SE; SG; SI; SK; SL; SM; SN; ST; SV; SY; SZ; TD; TG; TH; TJ; TM; TN; TR; TT; TZ; UA; UG; US; UZ; VC; VN; ZA; ZM; ZW

55. Family 54913222 (US2013261188 AA)

[View in PatBase](#)

Title
[EN] IBUPROFEN SOLID ORAL DOSAGE COMPOSITION COMPRISING A METHACRYLIC ACID COPOLYMER

Abstract
[EN] Aspects of the invention include organoleptically acceptable solid oral dosage compositions of ibuprofen. Solid oral dosage compositions according to certain embodiments include ibuprofen and a methacrylic acid copolymer in an amount sufficient to make the composition organoleptically acceptable for administering in an oral cavity of a subject to deliver ibuprofen to the subject. Methods for preparing and using solid oral dosage compositions of the invention are also described.

International Class: A61K31/19; A61K47/30; A61K9/00; A61K9/08; A61K9/20; A61K31/192; A61K47/32

Cooperative Patent Class: A61K31/192; A61K9/0056; A61K9/1635; A61K9/2077

US Class: 514/570

Family Information

Patent Number	Publication Date	Application Number	Application Date
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EP2833880 B1	20170823	EP20130773161	20130315
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US2013261188 AA	20131003	US20130836661	20130315
WO13151754 A1	20131010	WO2013US32199	20130315

Priority Numbers: US20120619340P [20120402]; EP20130773161 [20130315]; WO2013US32199 [20130315]; US20130836661 [20130315]

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56. Family 52405574 (US2014030326 AA)

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Title

[EN] EFFERVESCENT FORMULATIONS COMPRISING DEXKETOPROFEN

Abstract

[EN] The present invention relates to water-soluble formulations comprising the active agent dexketoprofen and to a process for production of said formulations. The present invention also relates to pharmaceutical formulations comprising dexketoprofen which is used in symptomatic treatment of mild to moderate pains such as musculoskeletal pains, dysmenorrhoea, toothache, post-operative pains. The formulations are characterized in being in effervescent form.

International Class: A61K31/192; A61K9/00; A61K9/46; A61K9/20; A61K31/196; A61K31/19; A61P29/00; A61K31/133; A61K31/166; A61K31/197; A61K31/223; A61K31/704; A61K45/06; A61K31/00; A61K9/16

Cooperative Patent Class: A61K31/192; A61K9/0007; A61K9/2018; A61K31/133; A61K31/166; A61K31/197; A61K31/223; A61K31/704; A61K45/06; A61K9/2009; A61K9/2054; A61K31/196; A61K31/4439; A61K31/485; A61K31/5575; A61K2300/00; A61K31/00; A61K9/1617; A61K9/2013

US Class: 1/1; 424/44; 424/465; 424/466; 424/489; 514/570; 562/460

Family Information

Patent Number	Publication Date	Application Number	Application Date
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Priority Numbers: TR20110004864 [20110518]; WO2012TR00085 [20120508]; TR20120005008 [20120430]; TR20120005317 [20120508]; WO2012TR00083 [20120514]; TR20120000602 [20120118]; TR20120005319 [20120508]; WO2013TR00034 [20130118]; US20130933323 [20130702]

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Inventors: BILGIC MAHMUT

Non Std Inventors: MAHMUT BİLGİÇ; MAHMUT BILGIC

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Designated States: AL; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LT; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TR; AE; AG; AM; AO; AU; AZ; BA; BB; BF; BH; BJ; BR; BW; BY; BZ; CA; CF; CG; CI; CL; CM; CN; CO; CR; CU; DM; DO; DZ; EC; EG; GA; GD; GE; GH; GM; GN; GQ; GT; GW; HN; ID; IL; IN; JP; KE; KG; KM; KN; KP; KR; KZ; LA; LC; LK; LR; LS; LY; MA; MD; ME; MG; ML; MN; MR; MW; MX; MY; MZ; NA; NE; NG; NI; NZ; OM; PE; PG; PH; QA; RU; RW; SC; SD; SG; SL; SN; ST; SV; SY; SZ; TD; TG; TH; TJ; TM; TN; TT; TZ; UA; UG; US; UZ; VC; VN; ZA; ZM; ZW; BN; PA

57. Family 65706753 (WO17080566 A1)

[View in PatBase](#)

Title

[EN] STABLE ANALGESIC PHARMACEUTICAL COMPOSITION AND PROCESS FOR THE PREPARATION THEREOF

Abstract

[EN] The present invention relates to a stable pharmaceutical composition comprising a therapeutically effective quantity of Ibuprofen or a pharmaceutically acceptable salt, prodrug, or derivative thereof, and Hyoscine Butylbromide or a pharmaceutically acceptable salt, prodrug, or derivative thereof in a fixed dosage combination, and a process for the preparation thereof.

International Class: A61K31/192; A61K31/46; A61K9/20; A61K9/50

Cooperative Patent Class: A61K31/192; A61K31/46; A61K9/2009; A61K9/2013; A61K9/2018; A61K9/2054; A61K9/2059; A61K9/2077; A61K9/5084

Family Information

Patent Number	Publication Date	Application Number	Application Date
WO17080566 A1	20170518	WO2015EP02239	20151109

Priority Numbers: WO2015EP02239 [20151109]

Probable Patent Assignee: RONTIS HELLAS S A

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Non Std Assignees: RONTIS HELLAS SA

Inventors: GRYPIOTI AGNI; BARMPALEXIS PANAGIOTIS

Agent(s): GRYPIOTI AGNI

Designated States: AE; AG; AL; AM; AO; AT; AU; AZ; BA; BB; BE; BF; BG; BH; BJ; BN; BR; BW; BY; BZ; CA; CF; CG; CH; CI; CL; CM; CN; CO; CR; CU; CY; CZ; DE; DK; DM; DO; DZ; EC; EE; EG; ES; FI; FR; GA; GB; GD; GE; GH; GM; GN; GQ; GR; GT; GW; HN; HR; HU; ID; IE; IL; IN; IR; IS; IT; JP; KE; KG; KM; KN; KP; KR; KZ; LA; LC; LK; LR; LS; LT; LU; LV; LY; MA; MC; MD; ME; MG; MK; ML; MN; MR; MT; MW; MX; MY; MZ; NA; NE; NG; NI; NL; NO; NZ; OM; PA; PE; PG; PH; PL; PT; QA; RO; RS; RU; RW; SA; SC; SD; SE; SG; SI; SK; SL; SM; SN; ST; SV; SY; SZ; TD; TG; TH; TJ; TM; TN; TR; TT; TZ; UA; UG; US; UZ; VC; VN; ZA; ZM; ZW

58. Family 33191092 (US2006177501 AA)

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Title
[EN] FILM COATED TABLETS CONTAINING IBUPROFEN

Abstract
[EN] The invention relates to film-coated tablets containing ibuprofen lysinate with improved stability, bioavailability and higher acceptance (compliance) in patients, and the use of these film-coated tablets for preparing a pharmaceutical composition for the treatment of acute and/or chronic pain.

International Class: A61K9/20; A61K9/28; A61K31/185; A61K9/30; A61K31/19; A61K9/32; A61P29/00; A61K9/00; C09J125/00; A61K31/192; A61K31/205

Cooperative Patent Class: A61K9/2009; A61K9/2013; A61K9/2054; A61K9/2866; A61P29/00

US Class: 424/464; 514/554; 514/570; 424/464P; 514/554S; 514/570S

Family Information

Patent Number	Publication Date	Application Number	Application Date
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CL2006000274 A1	20060804	CL20060000274	20060207
CY1116242 T1	20170208	CY20141100941T	20141112
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DK1850834 T3	20141110	DK20060707853T	20060126
EP1850834 A2	20071107	EP20060707853	20060126
EP1850834 B1	20140820	EP20060707853	20060126
ES2523988 T3	20141203	ES20060707853T	20060126
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PE20061035 A1	20061120	PE20060000145	20060207
PL1850834 T3	20150331	PL20060707853T	20060126
PT1850834 T	20141027	PT20060707853T	20060126
SI1850834 T1	20141231	SI20060031850T	20060126
TH82356 A	20070111	TH20061000528	20060208
TH82360 A	20070111	TH20061000807	20060224
TW200640504 A	20061201	TW20060104202	20060208
US2006177501 AA	20060810	US20060275735	20060126
WO06084793 A2	20060817	WO2006EP50466	20060126
WO06084793 A3	20070405	WO2006EP50466	20060126

Priority Numbers: EP20050002682 [20050209]; EP20060707853 [20060126]; WO2006EP50466 [20060126]

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Designated States: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IS; IT; LI; LT; LU; LV; MC; NL; PL; PT; RO; SE; SI; SK; TR; AL; BA; HR; MK; YU; AE; AG; AM; AU; AZ; BB; BF; BJ; BR; BW; BY; BZ; CA; CF; CG; CI; CM; CN; CO; CR; CU; DM; DZ; EC; EG; GA; GD; GE; GH; GM; GN; GQ; GW; ID; IL; IN; JP; KE; KG; KM; KN; KP; KR; KZ; LC; LK; LR; LS; LY; MA; MD; MG; ML; MN; MR; MW; MX; MZ; NA; NE; NG; NI; NO; NZ; OM; PG; PH; RU; SC; SD; SG; SL; SM; SN; SY; SZ; TD; TG; TJ; TM; TN; TT; TZ; UA; UG; US; UZ; VC; VN; ZA; ZM; ZW

59. Family 60688928 (WO15163832 A1)

[View in PatBase](#)

Title
[EN] AN IBUPROFEN AND FAMOTIDINE COMBINED COMPOSITION HAVING IMPROVED STABILITY

Abstract
[EN] An oral pharmaceutical dosage form comprising a non-steroidal-anti-inflammatory drug, in particular propionic acid derivative such as ibuprofen, along with a histamine H2-receptor antagonist, such as famotidine, wherein ratio of ibuprofen to famotidine is in the range of 19: 1 to 21:1 or 39: 1 to 41:1, preferably in the range of 20:1 or 40: 1. The present invention relates to the preparation of stable pharmaceutical compositions containing the active ingredients ibuprofen and famotidine.

International Class: A61K31/19; A61K31/426; A61K9/14; A61K9/20; A61K31/192

Cooperative Patent Class: A61K31/192; A61K31/426

Family Information

Patent Number	Publication Date	Application Number	Application Date
TR201404701 B	20170123	TR20140004701	20140425
WO15163832 A1	20151029	WO2015TR00153	20150416

Priority Numbers: TR20140004701 [20140425]

Probable Patent Assignee: PHARMACTIVE İLAC SANAYİ VE TİCARET ANONİM ŞİRKETİ

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Non Std Assignees: PHARMACTIVE İLAC SANAYİ VE TİCARET ANONİM ŞİRKETİ; PHARMACTİVE İLAC SANAYİ VE TİCARET AŞ

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Agent(s): PINAR BULUT; BULUT PINAR

Designated States: AE; AG; AL; AM; AO; AT; AU; AZ; BA; BB; BE; BF; BG; BH; BJ; BN; BR; BW; BY; BZ; CA; CF; CG; CH; CI; CL; CM; CN; CO; CR; CU; CY; CZ; DE; DK; DM; DO; DZ; EC; EE; EG; ES; FI; FR; GA; GB; GD; GE; GH; GM; GN; GQ; GR; GT; GW; HN; HR; HU; ID; IE; IL; IN; IR; IS; IT; JP; KE; KG; KM; KN; KP; KR; KZ; LA; LC; LK; LR; LS; LT; LU; LV; LY; MA; MC; MD; ME; MG; MK; ML; MN; MR; MT; MW; MX; MY; MZ; NA; NE; NG; NI; NL; NO; NZ; OM; PA; PE; PG; PH; PL; PT; QA; RO; RS; RU; RW; SA; SC; SD; SE; SG; SI; SK; SL; SM; SN; ST; SV; SY; SZ; TD; TG; TH; TJ; TM; TN; TR; TT; TZ; UA; UG; US; UZ; VC; VN; ZA; ZM; ZW

60. Family 28226792 (US2002114833 AA)

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Title
[EN] FAST DISSOLVING TABLET

Abstract
[EN] The present invention relates to processes for the preparation of tablets which dissolve rapidly in the mouth and provide an excellent mouthfeel. The tablets of the invention comprise a compound which melts at about 37 degrees centigrade or lower, have a low hardness, high stability and generally comprise few insoluble disintegrants which may cause a gritty or chalky sensation in the mouth. Convenient and economically feasible processes by which the tablets of the invention may be produced are also provided.

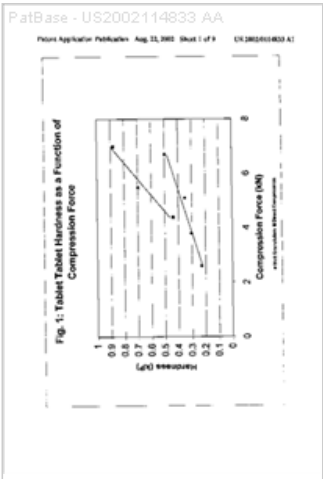
International Class: A61K9/00; A61K9/20; A61K31/496; A61K9/51; A61K31/185; A61K31/19; A61K31/192; A61K31/4402; A61K9/24; A61K; A61P43/00; A61K31/137; A61K9/46; A61B; A61K031/496; A61K31/70; A61K31/715

Cooperative Patent Class: A61K9/0056; A61K9/2013; A61K9/2018; A61K9/2031; A61K9/2077; A61K9/209; A61K9/2095; A61K31/137; A61K31/192; A61K31/4402; A61P43/00

US Class: 424/464; 424/465; 424/465P; 424/466; 514/23; 514/23S; 514/357; 514/53; 514/53S; 514/570; 514/570S; 514/58; 514/58S; 514/777; 514/778

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Patent Number	Publication Date	Application Number	Application Date
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WO0245571 A3	20020829	WO2001US46396	20011204
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ZA200304511 A	20040305	ZA20030004511	20030610

Priority Numbers: US20000731479 [20001206]; WO2001US46396 [20011204]; US20030643623 [20030819]; WO2004US26869 [20040819]; EP20040781535 [20040819]; US20100855838 [20100813]; US20130939919 [20130711]; US20140218202 [20140318]

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Designated States: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IT; LI; LU; MC; NL; PL; PT; RO; SE; SI; SK; TR; AE; AG; AL; AM; AU; AZ; BA; BB; BF; BJ; BR; BY; BZ; CA; CF; CG; CI; CM; CN; CO; CR; CU; DM; DZ; GA; GD; GE; GH; GM; GN; GQ; GW; HR; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LV; MA; MD; MG; MK; ML; MN; MR; MW; MX;

MZ; NE; NO; NZ; RU; SD; SG; SL; SN; SZ; TD; TG; TJ; TM; TT; TZ; UA; UG; US; UZ; VN; YU; ZA; ZM; ZW; BW; EC; EG; NA; NI;
OM; PG; PH; SC; SY; TN; VC

61. Family 82553135 (BE1023057 BB)

[View in PatBase](#)

Title
[MT] IBUPROFEN TABLET

Abstract
[MT] The present invention relates to a tablet comprising ibuprofen ibuprofen, wherein 5 is present in granulen which comprises in said tablet. A specific combination of excipients ensures that said tablet rapidly disintegrating and content exempts after ingestion.

International Class: A61K31/00; A61K9/20
Cooperative Patent Class: A61K31/192; A61K9/2059; A61K9/2077

Family Information

Patent Number	Publication Date	Application Number	Application Date
BE1023057 BB	20161116	BE20160005421	20160606

Priority Numbers: BE20160005421 [20160606]
Probable Patent Assignee: NORDIC SPECIALTY PHARMA BVBA
Assignees: NORDIC SPECIALTY PHARMA BVBA
Inventors: JACOBSEN THOMAS
Agent(s): BRANTS JOHAN PHILIPPE EMILE

62. Family 31061695 (US2007254028 AA)

[View in PatBase](#)

Title

[EN] GRANULES COMPRISING A NSAID AND A SUGAR ALCOHOL MADE BY MELT EXTRUSION

Abstract

[EN] A pharmaceutical composition comprising a granular component comprising a plurality of solidified melt granules of a sugar alcohol having a salt of non-steroidal anti-inflammatory drug (NSAID salt) contained therein.

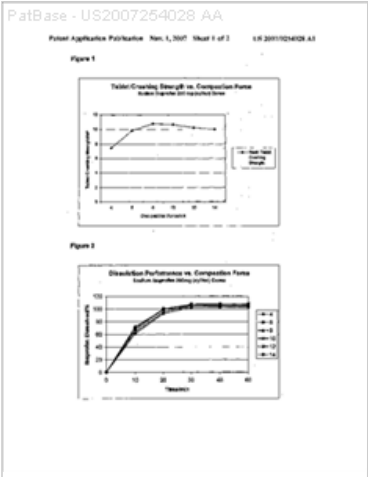
International Class: A61K9/16; A61P29/00; A61K47/26; A61K9/20; A61K31/167; A61K45/00; A61K31/192; A61K; A61P; A61K31/185; A61K47/02; A61K47/10; A61K47/36; A61K47/38; A61K9/26; A61P11/00; A61P19/00; A61P19/02; A61P21/00; A61P25/00; A61P25/06; A61P31/00; A61P31/16; A61K47/04; A61K9/14; A61K9/46; A61K9/68; A61P25/04; A61K9/00; A61J3/00; A61K9/14144

Cooperative Patent Class: A61K9/145; A61K9/16; A61K9/1623; A61P11/00; A61P19/02; A61P21/00; A61P25/04; A61P25/06; A61P29/00; A61P31/16

US Class: 424/464; 424/464P; 424/489; 424/489S; 514/568; 514/568S; 514/569; 514/569S; 514/570; 514/625

Family Information

Patent Number	Publication Date	Application Number	Application Date
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AU2005271035 BB	20090917	AU20050271035	20050808
AU2005271036 AA	20060216	AU20050271036	20050808
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AU2010200633 BB	20130131	AU20100200633	20100219
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HK1104781 A3	20080125	HK20070109973	20070913
HK1104965 A1	20080201	HK20070110249	20070920
HK1104965 A3	20080201	HK20070110249	20070920
HK1104965 B	20111209	HK20070110249	20070920
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Patent Number	Publication Date	Application Number	Application Date
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JP2008509207 T2	20080327	JP20070525340T	20050808
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KR101482922 B1	20150115	KR20137002207	20050808
KR20070062978 A	20070618	KR20077005611	20050808
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MX2007001597 A1	20070523	MX20070001597	20050808
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PL1804772 T3	20120330	PL20050769116T	20050808
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US2007254028 AA	20071101	US20050659974	20050808
US2008085308 AA	20080410	US20050659945	20050808
WO06016125 A1	20060216	WO2005GB03077	20050808
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ZA200701028 A	20080528	ZA20070001028	20070202
ZA200701029 A	20080827	ZA20070001029	20070202

Priority Numbers: GB20040017939 [20040812]; GB20040017942 [20040812]; WO2005GB03077 [20050808]; WO2005GB03079 [20050808]; AU20050271036 [20050808]; AU20100200633 [20100219]; EP20050769116 [20050808]; EP20050769055 [20050808]

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Designated States: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IS; IT; LI; LT; LU; LV; MC; NL; PL; PT; RO; SE; SI; SK; TR; AE; AG; AL; AM; AU; AZ; BA; BB; BF; BJ; BR; BW; BY; BZ; CA; CF; CG; CI; CM; CN; CO; CR; CU; DM; DZ; EC; EG; GA; GD; GE; GH; GM; GN; GQ; GW; HR; ID; IL; IN; JP; KE; KG; KM; KP; KR; KZ; LC; LK; LR; LS; MA; MD; MG; MK; ML; MN; MR; MW; MX; MZ; NA; NE; NG; NI; NO; NZ; OM; PG; PH; RU; SC; SD; SG; SL; SM; SN; SY; SZ; TD; TG; TJ; TM; TN; TT; TZ; UA; UG; US; UZ; VC; VN; YU; ZA; ZM; ZW

63. Family 29290154 (US2004102522 AA)

[View in PatBase](#)

Title
[EN] DOSAGE FORM OF SODIUM IBUPROFEN

Abstract
[EN] A non effervescent tablet of ibuprofen, comprising a tablet core and, if desired, a sugar or film coat, wherein the tablet core, based on the weight of the tablet core, consists of 50 to 100 percent by weight sodium ibuprofen hydrate and 50 to 0 percent by weight auxiliary material component and contains no lubricant and no disintegrant, and wherein the sodium ibuprofen hydrate has a water content of 8 to 16 percent by weight, preferably 11 to 16 percent by weight, possesses a sufficient hardness, is comparably small and leads to a particularly rapid increase in blood level and thereby to an accelerated onset of analgesic effect. Contrary to the current doctrine sodium ibuprofen hydrate having a suitable water content is sufficiently compressible.

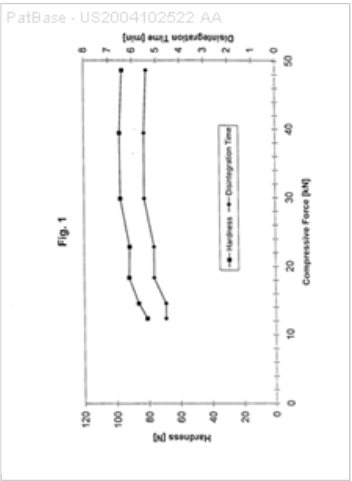
International Class: A61K9/20; A61K9/28; A61P29/00; A61K31/19; A61P25/06; A61K; A61K31/192; A61K47/02; A61K47/32; A61P25/04; A61K9/00; A61K9/24; A61K31/185; A61K9/30; A61K9/36; A61P43/00

Cooperative Patent Class: A61K31/19; A61K9/20; A61K9/2009; A61K9/2027; A61K9/2866; A61P25/04; A61P25/06; A61P29/00; A61K9/2018; A61K9/2054; A61K9/209; A61P43/00

US Class: 424/464; 424/471; 424/479; 514/570

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Patent Number	Publication Date	Application Number	Application Date
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Priority Numbers: CH20020001703 [20021014]; WO2003CH00662 [20031009]; EP20030405225 [20030403]; US20030683283 [20031014]; US20070891430 [20070810]

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Non Std Inventors: PETER GUBER; GRUBER PETER REHER MARKUS; REHER, MARKUS; GRUBER, PETER

Agent(s): PHILLIPS ORMONDE FITZPATRICK; GOWLING LAFLEUR HENDERSON LLP; JUAN PABLO CADENA SARMIENTO; ZHONGZI IP; REINHOLD COHN AND PARTNERS; GIBBONS PC

Designated States: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IT; LI; LU; MC; NL; PT; RO; SE; SI; SK; TR; AE; AG; AL; AM; AU; AZ; BA; BB; BF; BJ; BR; BY; BZ; CA; CF; CG; CI; CM; CN; CO; CR; CU; DM; DZ; EC; EG; GA; GD; GE; GH; GM; GN; GQ; GW; HR; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LV; MA; MD; MG; MK; ML; MN; MR; MW; MX; MZ; NE; NI; NO; NZ; OM; PG; PH; PL; RU; SC; SD; SG; SL; SN; SY; SZ; TD; TG; TJ; TM; TN; TT; TZ; UA; UG; UZ; VC; VN; YU; ZA; ZM; ZW

64. Family 55320991 (WO13182609 A1)

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Title

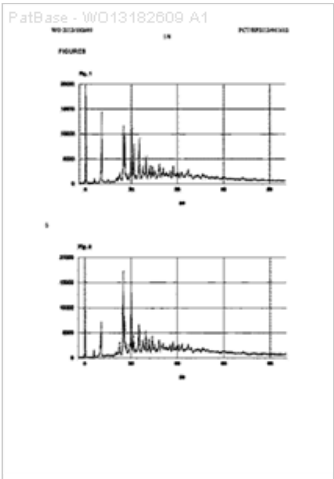
[EN] STABLE PHARMACEUTICAL COMPOSITIONS WITH A FAST ONSET

Abstract

[EN] The present invention provides stable solid pharmaceutical composition comprising dexketoprofen trometamol which a fast onset. The pharmaceutical compositions are not limited to a specific crystalline form in order to have a fast onset. The pharmaceutical compositions have a faster bioavailability, compare to the ones obtained by simple mixture, even when the composition obtained by direct compression and the composition as herein disclosed has the same dissolution profile in vitro. The pharmaceutical compositions have a low content of total impurities originating from the decomposition of dexketoprofen trometamol.

International Class: A61K9/16; A61K9/20; A61K9/28

Cooperative Patent Class: A61K9/1652; A61K9/2054; A61K9/2077; A61K9/2866



Family Information

Patent Number	Publication Date	Application Number	Application Date	
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EP2671569 B1	20150916	EP20120004322	20120606	
ES2501415 T1	20141001	ES20120004322T	20120606	
ES2501415 T3	20160222	ES20120004322T	20120606	
WO13182609 A1	20131212	WO2013EP61612	20130605	

Priority Numbers: EP20120004322 [20120606]; ES20120004322T [20120606]

Probable Patent Assignee: GALENICUM HEALTH SL

Assignees: GALENICUM HEALTH SL; GALENICUM HEALTH S L

Inventors: GONZALEZ JOAQUIM DOMINGO; DOMINGO GONZALEZ JOAQUIM

Agent(s): TORREJON NIETO JAVIER; GALENICUM HEALTH SL

Designated States: AL; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LT; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TR; BA; ME; AE; AG; AM; AO; AU; AZ; BB; BF; BH; BJ; BN; BR; BW; BY; BZ; CA; CF; CG; CI; CL; CM; CN; CO; CR; CU; DM; DO; DZ; EC; EG; GA; GD; GE; GH; GM; GN; GQ; GT; GW; HN; ID; IL; IN; JP; KE; KG; KM; KN; KP; KR; KZ; LA; LC; LK; LR; LS; LY; MA; MD; MG; ML; MN; MR; MW; MX; MY; MZ; NA; NE; NG; NI; NZ; OM; PA; PE; PG; PH; QA; RU; RW; SC; SD; SG; SL; SN; ST; SV; SY; SZ; TD; TG; TH; TJ; TM; TN; TT; TZ; UA; UG; US; UZ; VC; VN; ZA; ZM; ZW

65. Family 42078685 (US2010062060 AA)

[View in PatBase](#)

Title

[EN] PHARMACEUTICAL COMPOSITION COMPRISING TRAMADOL AND KETOPROFEN IN ASSOCIATION

Abstract

[EN] The present invention relates to a pharmaceutical composition comprising a combination of active principles. More specifically: a stable pharmaceutical composition comprising a combination of tramadol and ketoprofen. Furthermore, a combination in solid form in which the active principles are vehicled in pharmaceutical forms and/or products that prevent contact between them. Complementarily, the present invention also relates to the combined use of ketoprofen and tramadol in the preparation of an oral medicine useful for relieving pain as well as a method for relieving pain with an oral pharmaceutical composition comprising a combination of tramadol and ketoprofen.

International Class: A61K31/135; A61K31/192; A61K9/28; A61K9/48; A61P19/02; A61P25/04; A61P25/06; A61P29/00; A61K31/137; A61K31/407; A61K9/24; A61K31/00; A61K9/20; A61K9/14; A61P25/00

Cooperative Patent Class: A61K31/00; A61K31/135; A61K31/137; A61K9/2018; A61K9/284; A61K9/2866; A61K9/4808; A61K9/4858; A61P19/02; A61P25/00; A61P25/04; A61P25/06; A61P29/00

US Class: 424/451; 424/464; 424/464P; 424/465; 514/570; 514/570S

Family Information

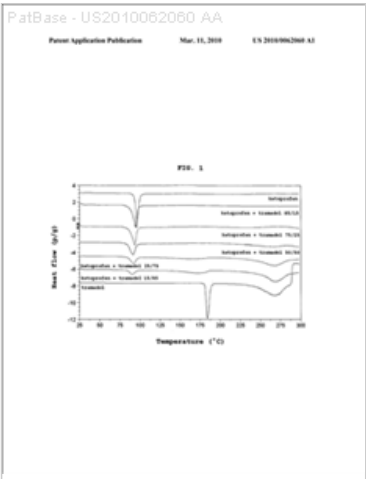
Patent Number	Publication Date	Application Number	Application Date	
AR065068 AA	20090513	AR2008P100347	20080128	
BRPI0700133 A	20080916	BR2007PI00133	20070129	
CL2008000227 A1	20080808	CL20080000227	20080128	
CL51644 B	20160111	CL20080000227	20080128	
CO6210807 A2	20101020	CO20090079003	20090729	
DE602008034316 D1	20141023	DE200860034316T	20080128	
ECSP099596 A	20090929	EC20090009596	20090824	
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PE16372008 A1	20081122	PE20080000200	20080128	
PE20081637 A1	20081122	PE20080000200	20080128	
PT2117519 T	20141218	PT20080700474T	20080128	
US2010062060 AA	20100311	US20080525035	20080128	
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WO08092219 A2	20080807	WO2008BR00024	20080128	
WO08092219 A3	20080925	WO2008BR00024	20080128	

Priority Numbers: BR2007PI00133 [20070129]; WO2008BR00024 [20080128]; EP20080700474 [20080128]; BR20070700133 [20070129]

Probable Patent Assignee: EUROFARMA LABORATORIOS LTDA

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Non Std Assignees: INCREMENTHA PD and I PESQUISA DESENVOLVIMENTO E INOVACAO DE FARMACOS E MEDICAMENTOS LTDA; INCREMENTHA P D AND I PESQUISA DESENVOLVIMENTO E INOVACAO DE FARMACOS E MEDICAMENTOS LTDA; N A; INCREMENTHA PDANDI PESQUISA DESENVOLVIMENTO E INOVACAO DE FARMACOS E



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Inventors: SUZUKI HENRY JUN; ALARIO DANTE JR; DANTE ALARIO JR; JUNIOR DANTE ALARIO; DANTE ALIRIO JR; ALARIO DANTE JUNIOR; SUSUKI HENRY JUN; ALARIO JUNIOR DANTE; ALARIO JR DANTE

Non Std Inventors: HENRY JUN SUZUKI; HENRY JUN SUZUKI DANTE ALARIO JUNIOR; DANTE ALARIO JUNIOR; DANTE ALIRIO JUNIOR; HENRY JUN SUSUKI

Agent(s): JOHANSSON; JUAN CARLOS URIBE RESTREPO; HERZOG FIESSER AND PARTNER PATENTANWAELTE PARTG MBB; FIESSER GEROLD MICHAEL; CARVAJAL Y ISABEL; JUAN CARLOS SUAREZ RAMIREZ; ARENT FOX LLP; SCHULZ CLAUDIA CHRISTINA

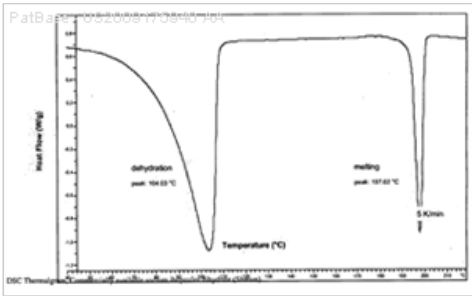
Designated States: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LT; LU; LV; MC; MT; NL; NO; PL; PT; RO; SE; SI; SK; TR; AE; AG; AL; AM; AO; AU; AZ; BA; BB; BF; BH; BJ; BR; BW; BY; BZ; CA; CF; CG; CI; CM; CN; CO; CR; CU; DM; DO; DZ; EC; EG; GA; GD; GE; GH; GM; GN; GQ; GT; GW; HN; ID; IL; IN; JP; KE; KG; KM; KN; KP; KR; KZ; LA; LC; LK; LR; LS; LY; MA; MD; ME; MG; MK; ML; MN; MR; MW; MX; MY; MZ; NA; NE; NG; NI; NZ; OM; PG; PH; RS; RU; SC; SD; SG; SL; SM; SN; SV; SY; SZ; TD; TG; TJ; TM; TN; TT; TZ; UA; UG; US; UZ; VC; VN; ZA; ZM; ZW

66. Family 33400750 (US2009175940 AA)

[View in PatBase](#)

Title
[EN] SOLUBILIZED IBUPROFEN

Abstract
[EN] A process for producing a solubilized ibuprofen, preferably in the form of a granulate, the process comprising the steps of: providing a mixture comprising solid ibuprofen and a first base selected from the group consisting of sodium hydroxide, potassium hydroxide, sodium carbonate, potassium carbonate, sodium glycinate, potassium glycinate and tribasic sodium and potassium phosphates and mixtures thereof, and reacting the ibuprofen and the first base in essentially dry state. The obtainable granulate and the pharmaceutical compositions and dosage forms that may be produced therefrom are distinguished by their high solubility and rapid disintegration and dissolution in aqueous media, by their good flow properties and compressibility, by rapidly achieving onset of analgesic effect.



International Class: A61K31/185; A61K31/19; A61K9/50; A61K31/192; A61K9/00; A61K9/16; A61K900/00; C07C57/32; A61K; A61K47/02; A61K47/04; A61K47/08; A61K47/10; A61K47/16; A61K47/18; A61K47/20; A61K47/26; A61K47/32; A61K47/38; A61K9/14; A61K9/20; A61K9/28; A61K9/48; A61P29/00; A61K9/46; A61K31/50; A61K9/30; A61K9/36; C07C51/00

Cooperative Patent Class: A61K31/19; A61K31/192; A61K9/1611; A61K9/1688; A61K9/2095; A61K9/1694; A61P29/00

US Class: 1/1; 424/474; 424/474S; 424/479; 424/479P; 514/570; 514/570S; 562/496; 562/496S

Family Information

Patent Number	Publication Date	Application Number	Application Date
AR056469 AA	20071010	AR2006P103641	20060822
AU2006226293 AA	20060928	AU20060226293	20060322
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CN101175485 B	20120307	CN200680016935	20060322
CR9424 A	20080121	CR20070009424	20071008
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IN08085DN2007 A	20080704	IN2007DN08085	20071019
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US2009175940 AA	20090709	US20060887066	20060322
US9205054 BB	20151208	US20060887066	20060322
WO06100281 A2	20060928	WO2006EP60973	20060322

Patent Number	Publication Date	Application Number	Application Date
WO06100281 A3	20070412	WO2006EP60973	20060322
ZA200708817 A	20081029	ZA20070008817	20071015

Priority Numbers: EP20050028321 [20051223]; WO2006EP60973 [20060322]; EP20050006188 [20050322]; EP20060060973 [20060322]; EP20060743214 [20060322]; EP20120190933 [20060322]

Probable Patent Assignee: LOSAN PHARMA GMBH

Assignees: LOSAN PHARMA GMBH; GRUBER PETER; STADA ARZNEIMITTEL AG; LOZAN FARMA GMBKH; MOHR WOLFGANG

Inventors: GRUBER PETER; PETER GRUBER; MOHR WOLFGANG; GRUBER PETER DR

Non Std Inventors: WOLFGANG MOHR

Agent(s): PHILLIPS ORMONDE FITZPATRICK; TORYS LLP; HARNECKER; UEXKUELL AND STOLBERG; KERNEBECK PATENTANWALTS GMBH; UEXKÜLL & STOLBERG; ZEA BERNABE; HOXIE AND ASSOCIATES LLC; GREENBLUM AND BERNSTEIN PLC

Designated States: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IS; IT; LI; LT; LU; LV; MC; NL; PL; PT; RO; SE; SI; SK; TR; AL; BA; HR; MK; YU; AE; AG; AM; AU; AZ; BB; BF; BJ; BR; BW; BY; BZ; CA; CF; CG; CI; CM; CN; CO; CR; CU; DM; DZ; EC; EG; GA; GD; GE; GH; GM; GN; GQ; GW; ID; IL; IN; JP; KE; KG; KM; KN; KP; KR; KZ; LC; LK; LR; LS; LY; MA; MD; MG; ML; MN; MR; MW; MX; MZ; NA; NE; NG; NI; NO; NZ; OM; PG; PH; RU; SC; SD; SG; SL; SM; SN; SY; SZ; TD; TG; TJ; TM; TN; TT; TZ; UA; UG; US; UZ; VC; VN; ZA; ZM; ZW

67. Family 50020333 (US2014134245 AA)

[View in PatBase](#)

Title
[EN] IBUPROFEN CHEWABLE TABLET

Abstract
[EN] The present invention relates to a taste masked and directly compressed ibuprofen chewable tablet comprising therapeutically effective amount of ibuprofen having average particle size between 250 micro m and 400 micro m, and a pharmaceutically acceptable carrier.

International Class: A61K31/192; A61K9/20; A61P29/00; A61K9/68; A61K; A61P; A61J3/10; A61K9/00
Cooperative Patent Class: A61K31/192; A61K9/0056; A61K9/2018; A61K9/2054; A61K9/2095; A61P29/00
US Class: 424/464; 514/570

Family Information

Patent Number	Publication Date	Application Number	Application Date
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AP3309 A	20150630	AP20130007326	20120618
AR086789 AA	20140122	AR2012P102328	20120628
CN102258490 A	20111130	CN201110182886	20110701
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IN11092DN2013 A	20150102	IN2013DN11092	20131224
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US2014134245 AA	20140515	US20120126882	20120618
WO13004123 A1	20130110	WO2012CN077089	20120618

Priority Numbers: CN201110182886 [20110701]; WO2012CN077089 [20120618]; WO2012CN77089 [20120618]

Probable Patent Assignee: GLAXOSMITHKLINE PLC

Assignees: SINO AMERICAN TIANJIN SMITHKLINE AND FRENCH LAB LTD; GLAXOSMITHKLINE CO LTD; SINI AMERICAN TIANJIN SMITHKLINE AND FRECH LAB LTD; SINO AMERIKAN TJAN TSZIN SMITKLAJN EHND FRENCH LAB LTD; LIU JOHN JIANGNAN; YANG FANG; YANG LEI; GLAXOSMITHKLINE PLC

Non Std Assignees: GLAXOSMITHKLINE CO; SINO AMERICAN TIANJIN SMITHKLINE AND FRENCH LAB; SINO AMERIKAN TJAN TSZIN SMITKLAJN EHND FRENCH LAB

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Non Std Inventors: LIU JIANGNAN; JOHN JIANGNAN LIU

Agent(s): CARLOS R OLARTE GARCIA; MORRIS MIRIAM ELIZABETH; MARKS AND CLERK; KING AND WOOD MALLESONS LAWYERS

Designated States: AL; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LT; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TR; AE; AG; AM; AO; AU; AZ; BA; BB; BF; BH; BJ; BR; BW; BY; BZ; CA; CF; CG; CI; CL; CM; CN; CO; CR; CU; DM; DO; DZ; EC; EG; GA; GD; GE; GH; GM; GN; GQ; GT; GW; HN; ID; IL; IN; JP; KE; KG; KM; KN; KP; KR; KZ; LA; LC; LK; LR; LS; LY; MA; MD; ME; MG; ML; MN; MR; MW; MX; MY; MZ; NA; NE; NG; NI; NZ; OM; PE; PG; PH; QA; RU; RW; SC; SD; SG; SL; SN; ST; SV; SY; SZ; TD; TG; TH; TJ; TM; TN; TT; TZ; UA; UG; US; UZ; VC; VN; ZA; ZM; ZW

68. Family 60815879 (CZ28746 U1)

[View in PatBase](#)

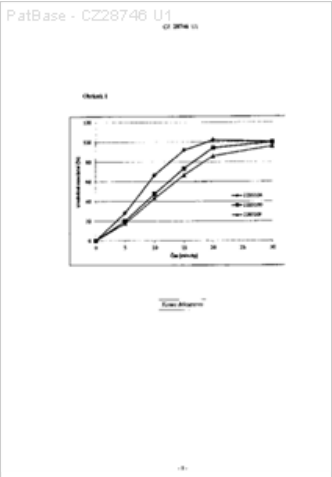
Title

[EN] QUICK RELEASE IBUPROFEN FORMULATION

Abstract

[MT] (Source: Claim 1) 1. Farmaceuticka wording obsahujici ibuprofen popripade its sole, vyznacujici with tim, is in the form of tablets or potahovanych tablet sestavajicich from komprimovane smesi granulatu and negranulovaneho podilu so-called extragranulamiho dust. io

International Class: A61K31/194; A61K47/32; A61K47/38; A61K9/22



Family Information

Patent Number	Publication Date	Application Number	Application Date
CZ28746 U1	20151026	CZ20150031320U	20150715

Priority Numbers: CZ20150031320U [20150715]

Probable Patent Assignee: ZENTIVA AS

Assignees: ZENTIVA; ZENTIVA AS

Non Std Assignees: ZENTIVA KS

Inventors: MRVOVA ZDENKA; KAŠPAR PAVEL; HANZLOVA VLAĐKA; VESEL MARTIN; KASPAR PAVEL

Non Std Inventors: HANZLOVÁ VLAĐKA; VESELY MARTIN

69. Family 60552609 (US9155704 BA)

[View in PatBase](#)

Title
[EN] MORE PALATABLE, BIOEQUIVALENT PHARMACEUTICAL COMPOSITION OF CARPROFEN

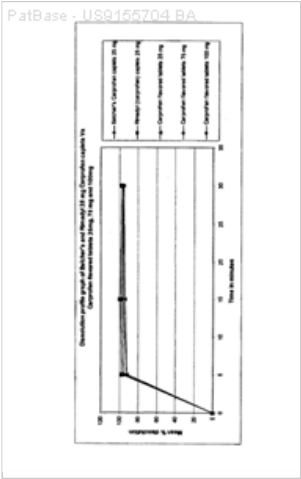
Abstract
[EN] The present invention relates to a more palatable pharmaceutical composition comprising carprofen and at least one flavoring agent, and more particularly pertains to a more palatable and more voluntarily consumed pharmaceutically active dosage of carprofen, made available in the form of an orally administered tablet that is easy to swallow, with the same dissolution profile and bioequivalence of less palatable carprofen compositions, such as those compositions without a flavoring agent, and used for the indication of relieving clinical symptoms of pain and inflammation associated with osteoarthritis and postoperative surgery in mammals, by reduced prostaglandin production via inhibition of cyclooxygenase-2. Also included are analytical methods for in vitro dissolution testing of this unique composition to demonstrate bioequivalence to less palatable non-flavored and chewable compositions.

International Class: A61K31/403; A61K31/407; A61K9/20; G01N33/15
Cooperative Patent Class: A61K31/403; A61K31/405; A61K31/407; A61K9/2054; G01N33/15
US Class: 1/1

Family Information

Patent Number	Publication Date	Application Number	Application Date
US9155704 BA	20151013	US20140329970	20140713

Priority Numbers: US20140329970 [20140713]
Probable Patent Assignee: BELCHER PHARMACEUTICALS LLC
Assignees: TANEJA JUGAL K
Non Std Assignees: BELCHER PHARMACEUTICALS LLC; JPMORGAN CHASE BANK NA ADMINISTRATIVE AGENT AS; NORTHERN TRUST CO; TRUIST BANK
Inventors: TANEJA JUGAL K



70. Family 57049694 (EP2759293 A1)

[View in PatBase](#)

Title
[EN] PHARMACEUTICAL COMPOSITIONS OF (+)-(S)-2-(3-BENZOYLPHENYL)PROPIONIC ACID TROMETHAMINE SALT

Abstract
[EN] This invention relates to solid oral pharmaceutical compositions of (+)-(S)-2-(3-Benzoylphenyl)propionic acid tromethamine salt; a process of the manufacturing thereof and their use in the treatment of pain and inflammation.

International Class: A61K31/192; A61K9/16; A61K9/20; A61P29/00
Cooperative Patent Class: A61K31/192; A61K9/16; A61K9/20; A61K9/2054; A61K9/2059; A61K9/2077; A61P29/00

Family Information

Patent Number	Publication Date	Application Number	Application Date
EP2759293 A1	20140730	EP20130152687	20130125
ES2499165 AB	20140926	ES20140030049	20140120
ES2499165 BA	20150817	ES20140030049	20140120
ES2499165 R1	20141229	ES20140030049	20140120

Priority Numbers: EP20130152687 [20130125]
Probable Patent Assignee: LESVI LABORATORIOS SL
Assignees: LESVI LABORATORIOS SL
Non Std Assignees: LABORATORIOS LESVI SL
Inventors: UBEDA PEREZ CARMEN; DIEZ MARTIN IGNACIO; COSTA SUBIRA JOSEP; BEDA PEREZ CARMEN; COSTA SUBIR JOSEP
Non Std Inventors: IGNACIO DIEZ MARTIN; CARMEN UBEDA PEREZ; JOSEP COSTA SUBIRA
Agent(s): ISARPATENT; ARIAS JUAN

Designated States: AL; AT; BA; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LT; LU; LV; MC; ME; MK; MT; NL; NO; PL; PT; RO; RS; SE; SI; SK; SM; TR

71. Family 43350522 (US2009142393 AA)

[View in PatBase](#)

Title
[EN] STABLE COMPOSITIONS OF FAMOTIDINE AND IBUPROFEN

Abstract
[EN] Stable pharmaceutical compositions of famotidine and ibuprofen in a single unit dosage form are disclosed herein. The compositions comprise a famotidine core having a reduced or minimal surface area surrounded by a layer of ibuprofen. In some embodiments, the ibuprofen is in direct physical contact with the famotidine.

Application Number	Active Ingredient	Proprietary Name	Applicant	Date Of Approval
022519	FAMOTIDINE; IBUPROFEN	DUEXIS	HORIZON	20110423
022519	FAMOTIDINE; IBUPROFEN	DUEXIS	HORIZON PHARMA	20110423

International Class: A61K31/426; A61K9/20; A61K31/425; A61K9/00; A61P19/02; A61P29/00; A61K9/24; A61K31/192; A61K9/28; A61K31/19; A61K9/16; A61K31/428

Cooperative Patent Class: A61K31/192; A61K31/425; A61K31/426; A61K9/2004; A61K9/209; A61K9/2095; A61K9/2893; A61P19/02; A61P29/00; A61K9/2054; A61K9/2081; A61K9/1623; A61K9/1652; A61K9/5047

US Class: 424/400; 424/400S; 424/451; 424/464; 424/464P; 424/465; 424/472; 424/490; 427/2.14; 514/370; 514/370S; 514/570

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Priority Numbers: US20070991628P [20071130]; US20080324808 [20081126]; US20120403923 [20120223]; US20110285981 [20111031]; US20120403930 [20120223]; US20120620141 [20120914]; US20120620150 [20120914]; US20130849213 [20130322]; US20130959924 [20130806]; US20060489269 [20060718]; US20150691278 [20150420]

Probable Patent Assignee: HORIZON MEDICINES LLC

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Non Std Assignees: CITIBANK NA; CORTLAND CAPITAL MARKET SERVICES LLC; HORIZON MEDICINES LLC; HORIZON THERAPEUTICS IRELAND DAC FKA HORIZON PHARMA IRELAND LIMITED; HORIZON THERAPEUTICS IRELAND DAC SUCCESSOR IN INTEREST TO HORIZON PHARMA SERVICES LIMITED; HORIZON THERAPEUTICS USA INC FKA HORIZON PHARMA USA INC; HZNP LTD; HORIZON THERAPEUTICS USA INC

Inventors: XU JERRY; TIDMARSH GEORGE; TIDMARSH GEORGE F; DUNCAN IAIN W; GOLOMBIK BARRY L

Agent(s): TOWNSEND AND TOWNSEND AND CREW LLP; FOLEY AND LARDNER LLP

72. Family 37222675 (US2007292515 AA)

[View in PatBase](#)

Title
[EN] SOLID DOSAGE FORM CONTAINING A TASTE MASKED ACTIVE AGENT

Abstract
[EN] A solid dosage form containing a taste masked active agent is provided. The solid dosage form may be provided as a water soluble film that is disintegrable in the oral cavity to deliver and release the taste masked active agent. The disintegrable film includes at least one water soluble polymer and a taste masked ketoprofen active. Also provided are methods for preparing the solid dosage form and for using the solid dosage to administer an effective dosage of an active agent, such as ketoprofen, into the oral cavity for absorption.

International Class: A61K31/192; A61K9/70; A61K31/185; A61K47/02; A61K47/32; A61K47/36; A61K47/38; A61P19/00; A61P19/02; A61P21/00; A61P29/00; A61K31/19; A61K9/00; A61P25/00; A61P25/04; A61K47/00; A61K9/14

Cooperative Patent Class: A61K31/192; A61K47/02; A61K47/38; A61K9/0056; A61K9/006; A61K9/7007; A61P19/00; A61P19/02; A61P21/00; A61P25/04; A61P29/00

US Class: 424/439; 424/484; 424/485; 424/486; 424/487; 424/488; 514/570; 514/769; 514/781; 514/825; 514/974

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WO07109057 A2	20070927	WO2007US06452	20070315
WO07109057 A3	20071206	WO2007US06452	20070315

Priority Numbers: US20060783189P [20060316]; WO2007US06452 [20070315]; US20060783189 [20060316]; EP20070753103 [20070315]; US20070724410 [20070315]; US20150623940 [20150217]

Probable Patent Assignee: HALEON CH SARL

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Designated States: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IS; IT; LI; LT; LU; LV; MC; MT; NL; PL; PT; RO; SE; SI; SK; TR; AE; AG; AL; AM; AU; AZ; BA; BB; BF; BJ; BR; BW; BY; BZ; CA; CF; CG; CI; CM; CN; CO; CR; CU; DM; DZ; EC; EG; GA; GD; GE; GH; GM; GN; GQ; GT; GW; HN; HR; ID; IL; IN; JP; KE; KG; KM; KN; KP; KR; KZ; LA; LC; LK; LR; LS; LY; MA; MD; MG; MK; ML; MN; MR; MW; MX; MY; MZ; NA; NE; NG; NI; NO; NZ; OM; PG; PH; RS; RU; SC; SD; SG; SL; SM; SN; SV; SY; SZ; TD; TG; TJ; TM; TN; TT; TZ; UA; UG; US; UZ; VC; VN; ZA; ZM; ZW

73. Family 15496142 (WO02098388 A2)

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Title
[EN] THERAPEUTIC AGENTS

Abstract
[EN] An effervescent formulation comprising a low-melting non-steroidal anti-inflammatory drug (NSAID) and an effervescent couple comprising: (a) a granular composition comprising a plurality of solidified melt granules of the (NSAID) with either an acidic or a basic component of the effervescent couple uniformly dispersed therein; and (b) an extra-granular composition comprising the other of the basic or acidic component of the effervescent couple.

International Class: A61K9/16; A61K9/20; A61K9/46; A61K9/00; A61K; A61K31/19; A61P29/00; A61P29/02

Cooperative Patent Class: A61K9/0007; A61K9/1611; A61K9/1617; A61K9/2077; A61P29/00; A61P29/02

Family Information

Patent Number	Publication Date	Application Number	Application Date
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WO02098388 A3	20031231	WO2002GB02491	20020528

Priority Numbers: GB20010013842 [20010607]; WO2002GB02491 [20020528]; EP20020726348 [20020528]

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Non Std Inventors: PHILIP THOMAS HEWITT; ROBERT ARTHUR SHERRY; JACQUELINE MARIE BOOT

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Designated States: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE; TR; LT; LV; RO; SI; AE; AG; AL; AM; AU; AZ; BA; BB; BF; BG; BJ; BR; BY; BZ; CA; CF; CG; CI; CM; CN; CO; CR; CU; CZ; DM; DZ; EC; EE; GA; GD; GE; GH; GM; GN; GQ; GW; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; MA; MD; MG; MK; ML; MN; MR; MW; MX; MZ; NE; NO; NZ; PH; PL; RU; SD; SG; SK; SL; SN; SZ; TD; TG; TJ; TM; TT; TZ; UA; UG; US; UZ; VN; YU; ZA; ZM; ZW

74. Family 58287519 (DE202014104573 U1)

[View in PatBase](#)

Title

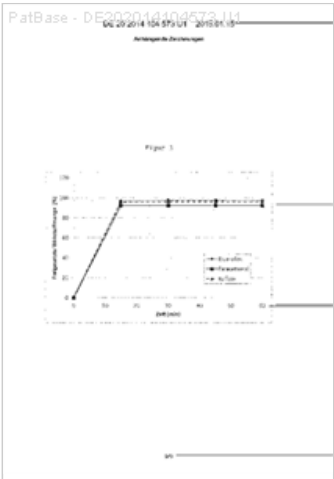
[MT] PHARMACEUTICAL COMPOSITION FOR TREATING PAIN

Abstract

[MT] A solid pharmaceutical composition comprising a combination of paracetamol, ibuprofen and caffeine, characterized in that paracetamol, ibuprofen and caffeine in a Massenverhaeltnis of 5: 4. Exist 1

International Class: A61K31/167; A61K31/192; A61K31/522; A61K9/20; A61K9/30; A61K9/48; A61P29/00

Cooperative Patent Class: A61K31/167; A61K31/192; A61K31/522; A61K9/2853; A61P29/00



Family Information

Patent Number	Publication Date	Application Number	Application Date
DE202014104573 U1	20150115	DE201420104573U	20140924

Priority Numbers: DE201420104573U [20140924]

Probable Patent Assignee: DENK PHARMA GMBH AND CO KG

Assignees: DENK PHARMA GMBH AND CO KG

75. Family 32010109 (JP2005120058 A2)

[View in PatBase](#)

Title

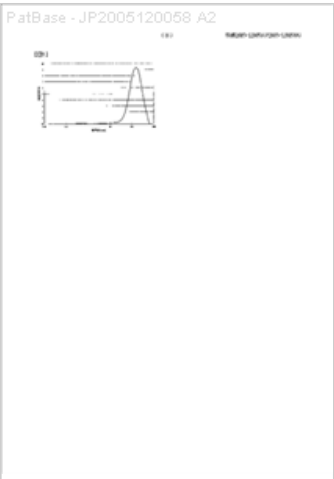
[EN] IBUPROFEN-CONTAINING TABLET AND METHOD FOR PRODUCING THE SAME

Abstract

[EN] PROBLEM TO BE SOLVED: To provide a method for easily producing an ibuprofen-containing tablet at a low cost compared with conventional methods. SOLUTION: The ibuprofen-containing tablet is produced by the compression molding of ibuprofen powder or ibuprofen-containing granules wherein the particle diameter of greater than or equal to 70 mass percent of the particle is 75-1,000 micro m. The method for the production of the ibuprofen-containing tablet comprises the compression molding of ibuprofen powder or ibuprofen-containing granules after adjusting the particle diameter of greater than or equal to 70 mass percent of the particle to be 75-1,000 micro m.

International Class: A61K31/185; A61K31/192; A61K9/20; A61P29/00; A61K; A61P

Cooperative Patent Class: A61K2121/00; A61K31/192; A61K9/2095; A61P29/00; A61K9/20



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Priority Numbers: JP20030359602 [20031020]

Probable Patent Assignee: SS PHARMACEUTICAL CO

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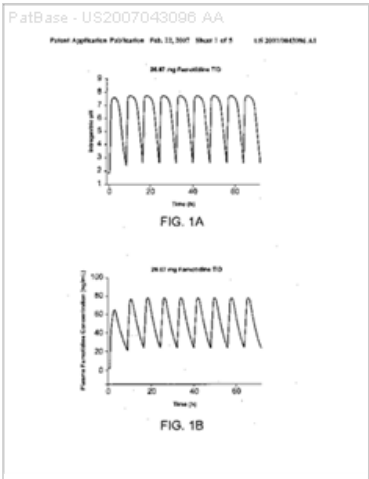
Agent(s): VICTOR CHU AND CO; IVAN WONG IP LTD; ONO NOBUO; PATENT CORPORATE BODY OF ONO AND CO

76. Family 34116380 (US2007043096 AA)

[View in PatBase](#)

Title
[EN] UNIT DOSE FORM WITH IBUPROFEN-FAMOTIDINE ADMIXTURE

Abstract
[EN] An oral dosage form for administration of ibuprofen to a subject in need of ibuprofen treatment is provided, in which an oral dosage form comprising a therapeutically effective amount of ibuprofen and a therapeutically effective amount of famotidine, in admixture, in amounts suitable for three times per day administration.



FDA Data

Application Number	Active Ingredient	Proprietary Name	Applicant	Date Of Approval
022519	FAMOTIDINE; IBUPROFEN	DUEXIS	HORIZON	20110423
022519	FAMOTIDINE; IBUPROFEN	DUEXIS	HORIZON PHARMA	20110423

International Class: A61K31/192; A61K31/426; A01N37/10; A01N43/72; A01N43/78; A61K31/425; A61K31/185; A61P29/00; A61P39/00; A61K9/20; A61K31/19; A61K9/50; A61K; A61P; A01N; A61K45/00; A61P1/00; A61P1/04; A61P15/00; A61P19/00; A61P19/02; A61P15/08; A61K9/24; A61P43/00; A61K9/14

Cooperative Patent Class: A61K31/192; A61K31/426; A61P15/08; A61P19/02; A61P29/00; A61K9/2054; A61K9/2059; A61K9/5084; A61P1/04; A61P15/00; A61P39/00; A61K9/2018; A61K9/209; A61K31/19; A61K31/425; A61P43/00

US Class: 424/464; 424/464P; 424/472; 424/490; 424/490P; 427/2.14; 514/370; 514/370S; 514/569; 514/569S; 514/570; 514/570S

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Priority Numbers: US20060489272 [20060718]; US20060489269 [20060718]; US20070897371P [20070124]; WO2007US73716 [20070717]; US20050700481P [20050718]; WO2006US28075 [20060718]; EP20070813027 [20070717]; US20060489275 [20060718]; US20060489705 [20060718]; US20070779204 [20070717]; US20090491199 [20090624]; US20110218377 [20110825]; US20110218380 [20110825]; US20130758821 [20130204]; US20130769196 [20130215]

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Designated States: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IS; IT; LI; LT; LU; LV; MC; MT; NL; PL; PT; RO; SE; SI; SK; TR; AL; BA; HR; MK; RS; AE; AG; AM; AU; AZ; BB; BF; BJ; BR; BW; BY; BZ; CA; CF; CG; CI; CM; CN; CO; CR; CU; DM; DZ; EC; EG; GA; GD; GE; GH; GM; GN; GQ; GW; HN; ID; IL; IN; JP; KE; KG; KM; KN; KP; KR; KZ; LA; LC; LK; LR; LS; LY; MA; MD; MG; ML; MN; MR; MW; MX; MZ; NA; NE; NG; NI; NO; NZ; OM; PG; PH; RU; SC; SD; SG; SL; SM; SN; SY; SZ; TD; TG; TJ; TM; TN; TT; TZ; UA; UG; US; UZ; VC; VN; ZA; ZM; ZW; BH; DO; GT; ME; MY; SV

77. Family 34438140 (US2007098789 AA)

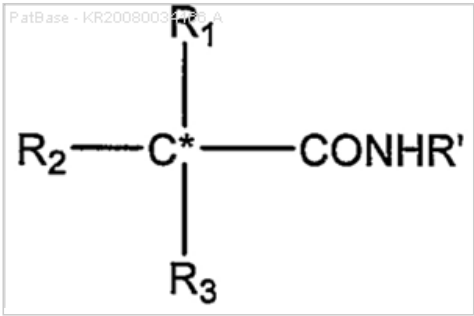
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Title

[EN] ORGANOLEPTICALLY ACCEPTABLE IBUPROFEN ORAL DOSAGE FORMULATIONS, METHODS OF MAKING AND USING THE SAME

Abstract

[EN] Organoleptically acceptable solid oral dosage formulations of ibuprofen, and methods of making and using the same, are provided. A feature of the subject formulations is that they include ibuprofen and a masking component. In certain embodiments, the masking component includes one or more of a cooling agent, an organic acid and a cyclodextrin. The subject invention finds use in a variety of applications.



International Class: A61K9/28; A61K9/68; A61K31/185; A61K31/192; A61K35/78; A61K47/40; A61P11/04; A61K9/08; A61K9/12; A61K9/20; A61K; A61P; A61K47/10; A61K47/12; A61K47/16; A61K47/18; A61K47/20; A61K47/44; A61K9/44; A61P29/00; A61K9/22; A61K31/19; A61K47/08; A61K31/716; A61K31/724; A61K36/185; A61K36/534; A61K31/166; A61K31/167; A61K31/198; A61K31/4152; A61K31/609; A61K31/616; A61K31/618; A61P11/00; A61P11/10

Cooperative Patent Class: A61K31/19; A61K31/192; A61K31/724; A61K36/534; A61K47/08; A61K47/12; A61K9/0056; A61K9/145; A61K9/146; A61K9/28; A61P11/00; A61P11/04; A61P11/10; A61P29/00

US Class: 424/464; 424/464P; 424/747; 424/747S; 514/569; 514/569S; 514/58; 514/58S

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AU2006312119 BB	20100429	AU20060312119	20061017
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Priority Numbers: US20050733127P [20051102]; US20060810417P [20060601]; WO2006US41024 [20061017]; AU20060312119 [20061017]; AU20100202050 [20100520]; US20050733167P [20051102]; JP20080538910 [20061017]; JP20080538910T [20061017]; US20060582850 [20061017]

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Designated States: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IS; IT; LI; LT; LU; LV; MC; NL; PL; PT; RO;
SE; SI; SK; TR; AE; AG; AL; AM; AU; AZ; BA; BB; BF; BJ; BR; BW; BY; BZ; CA; CF; CG; CI; CM; CN; CO; CR; CU; DM; DZ; EC;
EG; GA; GD; GE; GH; GM; GN; GQ; GT; GW; HN; HR; ID; IL; IN; JP; KE; KG; KM; KN; KP; KR; KZ; LA; LC; LK; LR; LS; LY; MA;
MD; MG; MK; ML; MN; MR; MW; MX; MY; MZ; NA; NE; NG; NI; NO; NZ; OM; PG; PH; RS; RU; SC; SD; SG; SL; SM; SN; SV; SY;
SZ; TD; TG; TJ; TM; TN; TT; TZ; UA; UG; US; UZ; VC; VN; ZA; ZM; ZW

78. Family 32535583 (US2007218128 AA)

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Title
[EN] MANUFACTURING OF QUICK RELEASE PHARMACEUTICAL COMPOSITIONS OF WATER INSOLUBLE DRUGS AND PHARMACEUTICAL COMPOSITIONS OBTAINED BY THE PROCESS OF THE INVENTION

Abstract
[EN] It has been found that pharmaceutical compositions comprising water insoluble drugs can be manufactured and formulated in a manner ensuring fast dissolution in gastric fluid. Advantageously, the manufacturing process provides a significantly improved stability, thus resulting in compositions that may have a longer shelf life than conventionally formulated and processed drugs.

International Class: A61K31/542; A61K9/00; A61K9/20; A61K45/00; A61K47/02; A61K47/18; A61P29/00; A61K47/06; A61K31/192; A61K33/10; A61K47/22; A61K9/22; A61K31/195; A61K31/265; A61K31/66; A61K; A61K36/00; A61K31/167; A61K31/5513; A61K47/12; A61K9/28; A61K31/5415; A61K31/015; A61K31/13; A61K31/54

Cooperative Patent Class: A61K9/143; A61K9/145; A61K9/20; A61K9/2009; A61K9/2013; A61K9/2054; A61P29/00

US Class: 424/464; 514/224.5; 514/226.5; 514/667; 514/764

Family Information

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Patent Number	Publication Date	Application Number	Application Date
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Priority Numbers: DK20040001021 [20040629]; WO2005DK00435 [20050628]; EP20050753592 [20050628]; JP20070518450 [20050628]; WO2005DK00435 [20070129]; KR20077002299 [20070129]; US20120666278 [20121101]; US20060631091 [20061228]

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Designated States: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IS; IT; LI; LT; LU; MC; NL; PL; PT; RO; SE; SI; SK; TR; AL; BA; HR; LV; MK; YU; AE; AG; AM; AU; AZ; BB; BF; BJ; BR; BW; BY; BZ; CA; CF; CG; CI; CM; CN; CO; CR; CU; DM; DZ; EC; EG; GA; GD; GE; GH; GM; GN; GQ; GW; ID; IL; IN; JP; KE; KG; KM; KP; KR; KZ; LC; LK; LR; LS; MA; MD; MG; ML; MN; MR; MW; MX; MZ; NA; NE; NG; NI; NO; NZ; OM; PG; PH; RU; SC; SD; SG; SL; SM; SN; SY; SZ; TD; TG; TJ; TM; TN; TT; TZ; UA; UG; US; UZ; VC; VN; ZA; ZM; ZW

79. Family 55351748 (WO13183062 A2)

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Title
[EN] PALATABLE FORMULATIONS OF IBUPROFEN

Abstract
[EN] The present invention relates to oral palatable pharmaceutical formulations of ibuprofen. Taste-masked oral formulation of ibuprofen is provided wherein the disagreeable taste and the associated unpleasant throat burning sensation of ibuprofen is masked by coating with at least one lipophilic agent. The present invention also relates to providing oral palatable pharmaceutical compositions of such taste-masked ibuprofen in the form of orally disintegrating tablets, bite-dispersion tablets, granules, dispersible tablets, or the like. Further process for preparation of such taste-masked palatable formulations is also disclosed.

International Class: A61K31/19; A61K47/00; A61K9/42

Cooperative Patent Class: A61K31/192; A61K9/0056; A61K9/145; A61K9/148; A61K9/2018; A61K9/2081; A61K9/5015; A61K9/5063

Family Information

Patent Number	Publication Date	Application Number	Application Date
WO13183062 A2	20131212	WO2013IN00344	20130530
WO13183062 A3	20140130	WO2013IN00344	20130530

Priority Numbers: IN2012MU01648 [20120605]

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Designated States: AE; AG; AL; AM; AO; AT; AU; AZ; BA; BB; BE; BF; BG; BH; BJ; BN; BR; BW; BY; BZ; CA; CF; CG; CH; CI; CL; CM; CN; CO; CR; CU; CY; CZ; DE; DK; DM; DO; DZ; EC; EE; EG; ES; FI; FR; GA; GB; GD; GE; GH; GM; GN; GQ; GR; GT; GW; HN; HR; HU; ID; IE; IL; IN; IS; IT; JP; KE; KG; KM; KN; KP; KR; KZ; LA; LC; LK; LR; LS; LT; LU; LV; LY; MA; MC; MD; ME; MG; MK; ML; MN; MR; MT; MW; MX; MY; MZ; NA; NE; NG; NI; NL; NO; NZ; OM; PA; PE; PG; PH; PL; PT; QA; RO; RS; RU; RW; SC; SD; SE; SG; SI; SK; SL; SM; SN; ST; SV; SY; SZ; TD; TG; TH; TJ; TM; TN; TR; TT; TZ; UA; UG; US; UZ; VC; VN; ZA; ZM; ZW

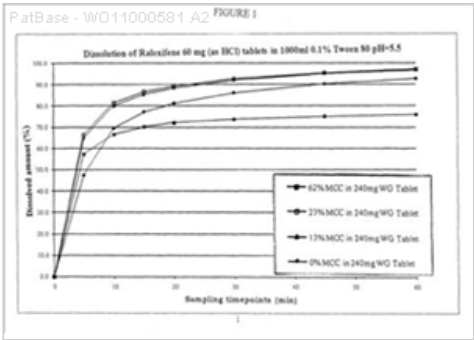
80. Family 48001067 (WO11000581 A2)

[View in PatBase](#)

Title
[EN] RALOXIFENE COMPOSITION

Abstract
[EN] Raloxifene tablets can be made with a combination of microcrystalline cellulose and a water-soluble diluent to have improved dissolution. Additionally an organic acid such as citric acid can also improve dissolution, whether used in combination with the microcrystalline cellulose/diluent system or not.

International Class: A61K31/4535; A61K9/20
Cooperative Patent Class: A61K31/4535; A61K9/2018; A61K9/2054; A61K9/2095



Family Information

Patent Number	Publication Date	Application Number	Application Date
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EP2448562 B1	20131106	EP20100730726	20100701
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WO11000581 A2	20110106	WO2010EP04125	20100701
WO11000581 A3	20110526	WO2010EP04125	20100701

Priority Numbers: US20090222915P [20090702]; EP20100730726 [20100701]; WO2010EP04125 [20100701]

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Designated States: AL; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LI; LT; LU; LV; MC; MK; MT; NL; NO; PL; PT; RO; SE; SI; SK; SM; TR; AE; AG; AM; AO; AU; AZ; BA; BB; BF; BH; BJ; BR; BW; BY; BZ; CA; CF; CG; CI; CL; CM; CN; CO; CR; CU; DM; DO; DZ; EC; EG; GA; GD; GE; GH; GM; GN; GQ; GT; GW; HN; ID; IL; IN; JP; KE; KG; KM; KN; KP; KR; KZ; LA; LC; LK; LR; LS; LY; MA; MD; ME; MG; ML; MN; MR; MW; MX; MY; MZ; NA; NE; NG; NI; NZ; OM; PE; PG; PH; RS; RU; SC; SD; SG; SL; SN; ST; SV; SY; SZ; TD; TG; TH; TJ; TM; TN; TT; TZ; UA; UG; US; UZ; VC; VN; ZA; ZM; ZW