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Application Details

APPLICATION NUMBER	202221057066
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	04/10/2022
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TITLE OF INVENTION	COMPUTATIONAL APPROACHES IN REPURPOSING ANTI-HIGH BLOOD PRESSURE DRUG, PRAZOBIND THAT ALTERING THE INHIBITION OF ROCK2 RECEPTOR IN SUPPRESSING AMYLOID-β PRODUCTION IN ALZHEIMER'S DISEASE TREATMENT
FIELD OF INVENTION	BIO-CHEMISTRY
E-MAIL (As Per Record)	senanipindia@gmail.com
ADDITIONAL-EMAIL (As Per Record)	iprpatent2022@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	11/11/2022

Application Status

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/07/2022 ✓

(21) Application No.202221042304 A
(43) Publication Date : 05/08/2022 ✓

(54) Title of the invention : CURCUMA TURMERIC OIL ENHANCED ANTI-DERMATOPHYTIC OPTIMIZATION OF A TOPICAL ANTI-INFLAMMATORY AND ANALGESIC CREAM

(51) International classification :A61K0036906600, A61Q0019000000, A61K0031417800, A61K0009000000, C12N0001200000
(86) International Application No :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
(62) Divisional to Application Number :NA

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(57) Abstract :
ABSTRACT CURCUMA TURMERIC OIL ENHANCED ANTI-DERMATOPHYTIC OPTIMIZATION OF A TOPICAL ANTI-INFLAMMATORY AND ANALGESIC CREAM A method using a curcuma turmeric oil enhanced anti-dermatophytic optimization of a topical anti-inflammatory and analgesic cream. The method includes preparing the 5 luliconazole topical cream, various compositions of formulation were melted and mixed with varying concentrations of turmeric oil. Preparing the oil, drug, and aqueous phases separately and mixed stepwise in a vessel under continuous stirring at control conditions. Preparing two cream formulations which includes one contained 5% extract prepared from the rhizomes of the plant, turmeric, and the second was similar except that it did not contain the extract and 10 served as control. Evaluating the effect of the creams on skin sebum secretion was conducted with the aid of a sebumeter. Screening the isolated endophytes for antagonistic activity against Pythium aphanidermatum (Edson) Fitzp., and Rhizoctonia solani Kuhn., causing rhizome rot and leaf blight diseases in turmeric. FIG.1

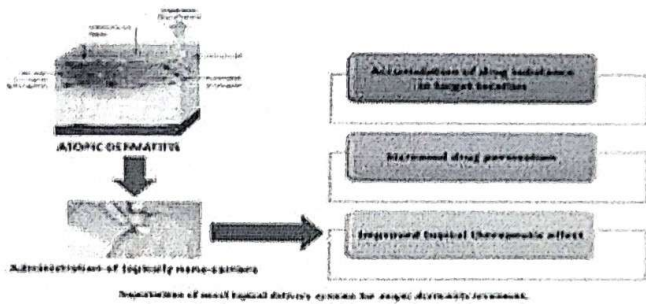


FIG. 1

No. of Pages : 13 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(21) Application No. 202221067221 A

(19) INDIA

(22) Date of filing of Application : 23/11/2022

(43) Publication Date : 09/12/2022

(54) Title of the invention : HERBAL ANTI-ACNE, ANTI-AGING FACEWASH

(51) International classification : A61K0036484000, A61K0036906600, A61K0036752000, A61K0036185000, A61K0008978900

(86) International Application No : NA
 Filing Date : NA

(87) International Publication No : NA

(61) Patent of Addition to Application Number : NA
 Filing Date : NA

(62) Divisional to Application Number : NA
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(57) Abstract :

The present invention relates to herbal facewash composition comprising Turmeric, Xanthan Gum, Lemon Juice, Licorice root powder, Honey, Orange peel powder, Guggul, Nutmeg powder, Tulsi Extract, Aloe vera gel, Coriander Extract, Rose Water, optionally along with pharmaceutically acceptable excipients and process for preparation thereof. Further invention relates to herbal facewash is useful for antiacne and antiaging

No. of Pages : 11 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION
 (19) INDIA
 (22) Date of filing of Application : 16/08/2022

(21) Application No. 202221046611 A
 (43) Publication Date : 16/09/2022

(54) Title of the invention : FABRICATION, FORMULATION AND EVALUATION OF MUCOADHESIVE TABLET CONTAINING OBETICHOIC ACID

(51) International classification A61K0009200000, A61K0009000000, A61K0009160000, A61K0009280000,
 (56) International Application No. NA
 (57) International Publication No. NA
 (61) Patent of Addition to Application Number NA
 (62) Divisional to Application Number NA

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(57) Abstract
 ABSTRACT Our Invention FABRICATION, FORMULATION AND EVALUATION OF MUCOADHESIVE TABLET CONTAINING OBETICHOIC ACID is a Obeticichoic acid is Farneside X receptor agonist used in Primary Biliary Cholangitis. It is used to treat fibrosis in non-alcoholic liver. Mucosal drug delivery systems interact with the mucus layer covering the mucosal epithelial surface, and micron molecules increase the residence time of the dosage form at the site of absorption. The drugs which have local action or those which have maximum absorption in gastrointestinal tract (GIT) require increased duration of stay in GIT. The present study concerns the development of mucosal drug delivery systems of obeticichoic acid which were designed to prolong the gastric residence time after oral administration. As per pharmacopoeia standards, new HPLC analytical method was developed by changing concentration of solvent system in ratio of 65:35. Orthophosphoric acid and Acetonitrile which gives purity and quantitative results by using HPLC. Different types of natural polymer such as Gum gum, Xanthan gum and synthetic polymer such as Carbopol 934, Hydroxypropyl methylcellulose, Sodium carboxy methylcellulose were used to formulate the mucosal drug delivery systems. Reformulation study of drug was done with different parameters such as solubility, melting point, UV method and HPLC method. FT-IR analysis showed no evidence of drug excipients interaction. Firstly granules were prepared using wet granulation method and also evaluated as per standard angle of repose, bulk density, tapped density etc. all the powder flow properties were in limit. Tablets were prepared by the direct compression method and evaluated for parameters such as Weight variation, Hardness, Friability, Drug content, Swelling index, in vitro drug release study, in vitro mucosal drug delivery strength study. All the formulation showed compliance with pharmacopoeia standards. Among all the formulations, OMBT6 with the natural polymers showed greater in vitro drug release (99.8% at the end of 2 hrs), good swelling and better mucoadhesive strength than using a synthetic polymer. The drug release of optimized formulation was analysed by Higuchi, Nordmeyer Pappas kinetic model. Stability studies were carried out according to ICH guideline which indicates that formulation was stable.

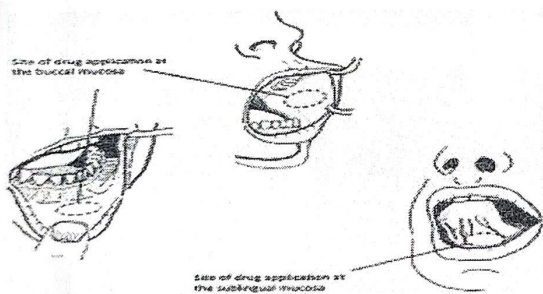


Fig. 2.1 Schematic representation of sites of oral cavity used for the sublingual and buccal delivery of drugs (Joshi et al., 2019)

No. of Pages : 23 No. of Claims : 6

5

(12) PATENT APPLICATION PUBLICATION

(21) Application No. 202221046610 A

(19) INDIA

(22) Date of filing of Application : 16/08/2022

(43) Publication Date : 16/09/2022

(54) Title of the invention : AQUEOUS POLYMER DISPERSIONS FOR EXTENDED RELEASE DOSAGE FORMS

(51) International classification : A61K0009200000, A61K0009000000, A61K0009060000, A61K0009280000, A61K0031545000

(86) International Application No : NA
 Filing Date : NA

(87) International Publication No : NA

(61) Patent of Addition to Application Number : NA
 Filing Date : NA

(62) Divisional to Application Number : NA
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(57) Abstract :

ABSTRACT Our Invention AQUEOUS POLYMER DISPERSIONS FOR EXTENDED RELEASE DOSAGE FORMS is a Extended-release systems provide drug release in an amount sufficient to maintain the therapeutic drug level over an extended period, with the release profiles predominantly controlled by the special technological construction and design of the system itself. The development of oral extended-release systems has been a challenge to formulation scientists due to their inability to restrain and localize the system at targeted areas of the gastrointestinal tract. There are numerous products in the market formulated for both oral and parenteral routes of administration that claim extended or controlled drug delivery. Matrix-type drug delivery systems are one of the interesting and promising options in developing an oral extended-release system. In particular, the interest awakened by matrix type delivery is completely justified because of its biopharmaceutical and pharmacokinetic advantages over the conventional dosage forms. The main theme to formulate an API in an extended drug delivery system is related to its pharmacokinetics parameters. An appropriate formulation can make the absorption, distribution, metabolism, and elimination (ADME) profile of a drug much more favorable. This change of the ADME can have a profound impact on many aspects of the clinical use of the drug from patient compliance and convenience to its very efficacy, tolerance, and safety parameters. Palletization is an agglomeration process which converts a fine powder blend of a drug(s) and excipients into small, free-flowing, spherical units, referred to as pellets provide the development scientist with a high degree of flexibility during the design and development of oral dosage forms. They can be divided into required dose power without formulation changes, and can also be blended to deliver dislike bioactive agents simultaneously or particles with dissimilar release profiles at the same site or different sites within the gastrointestinal tract. Dissolution shows more than 90% drug release after 8 hours. By performing assay 99% purity was observed. Kinetics of drug release was studied by fitting the release data in to zero order release kinetic model. The correlation of coefficient for zero order release kinetics was found to be 0.992, which showed that drug was release at controlled rate independent of concentration gradient. In-vitro release data was also fitted to first order release kinetics by plotting log of cumulative percent drug remaining versus time.

No. of Pages : 21 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202221055354 A

(19) INDIA

(22) Date of filing of Application :27/09/2022

(43) Publication Date : 14/10/2022

(54) Title of the invention : FORMULATION, DEVELOPMENT & EVALUATION OF PALASH ANTI ACNE FACE PACK.

(51) International classification A61Q019000000, A61K0036480000, A61K0036185000, A61K0008978900,
 A61Q0017000000
 (56) International Application No NA
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 (57) International Publication No NA
 (61) Patent of Addition to Application Numbers NA
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(57) Abstract

ABSTRACT [500] Our Invention Formulation, development & evaluation of Palash anti acne face pack is a Now days acne is major problem are occur due to pollution temperature, sun exposure, and mineral oil. Acne is caused when tiny holes in the skin, known as hair follicles, become blocked. Sebaceous glands are tiny glands found near the surface of your skin. Acne contain staphylococcus aureus, bacteria. The present work deals with the development and evaluation of the herbal anti-acne face pack containing dried powder of palash (Butea monosperma) sandalwood (Santalum album), turmeric root (glycyrrhiza glabra) rose powder (Rosa indica) multani mitti (benzoite C 1x) Herbal face packs or masks are used to stimulate blood circulation, rejuvenates and help to maintain the elasticity of the skin and remove dirt from skin pore.

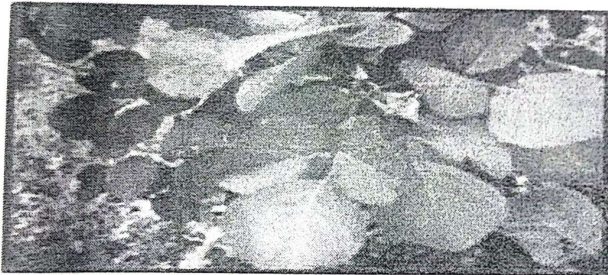


Fig. 1. Palash leaves.

No. of Pages : 16 No. of Claims : 5



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Department of Industrial Policy & Promotion,
Ministry of Commerce & Industry,
Government of India

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Application Details

APPLICATION NUMBER	202221052407
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	14/09/2022
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TITLE OF INVENTION	<u>HYDROXYAPATITE NANOPARTICLE BASED PHYSICOCHEMICAL PROPERTIES OF HYDROXYETHYL CELLULOSE AND HYDROXYPROPYL CELLULOSE</u>
FIELD OF INVENTION	CHEMICAL
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E-MAIL (UPDATED Online)	
PRIORITY DATE	
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PUBLICATION DATE (U/S 11A)	<u>23/09/2022</u>

Application Status

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(19) INDIA

(22) Date of filing of Application :29/06/2023

(21) Application No.202321043629 A

(43) Publication Date : 15/09/2023

(54) Title of the invention : PYRIMIDINE DERIVATIVES AS ANTITUBERCULOSIS AGENTS

(51) International classification :C07D0403140000, C07D0239480000, A61P0031060000, C07D0403120000, C07D0401140000

(86) International Application No :NA
Filing Date :NA

(87) International Publication No : NA

(61) Patent of Addition to Application Number :NA
Filing Date :NA(62) Divisional to Application Number :NA
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(57) Abstract :

The present invention discloses a novel pyrimidine derivatives represented by the following structural formula (1) having anti-tuberculosis activity.

No. of Pages : 31 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/06/2023 ✓

(21) Application No.202321043669 A

(43) Publication Date : 15/09/2023 ✓

(54) Title of the invention : PYRIMIDINE DERIVATIVES AS ANTICANCER AGENTS

(51) International classification :A61P0035000000, C07D0403140000, C07D0239480000, C07D0401140000, C07D0405120000

(86) International Application No :NA
Filing Date :NA

(87) International Publication No : NA

(61) Patent of Addition to Application Number :NA
Filing Date :NA

(62) Divisional to Application Number :NA
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(57) Abstract :

The present invention discloses a novel pyrimidine derivatives represented by the following structural formula (1) having anti-cancer activity.

No. of Pages : 28 No. of Claims : 6

Granted.

(10)

Certificate of Registration for a UK Design

Design number: 6296019

Grant date: 16 August 2023

Registration date: 13 July 2023

This is to certify that,

in pursuance of and subject to the provision of Registered Designs Act 1949, the design of which a representation or specimen is attached, had been registered as of the date of registration shown above in the name of

Dr. Vijaysinh Uttamrao Sable, Dr. Amol Arun Joshi, Dr. Vaibhav Ravindra

Vaidya, Ms. Sonali Arun Waghmare, Mr. Trushal Vasant Rao Chorage, Ms. Leena

Chavan Arvind, Mr. Mahesh Madanrao Jadhav

in respect of the application of such design to:

Novel Cold Shaking Incubator with Digital Control

International Design Classification:
Version: 14-2023

Class: 24 MEDICAL AND LABORATORY EQUIPMENT

Subclass: 01 APPARATUS AND EQUIPMENT FOR DOCTORS, HOSPITALS
AND LABORATORIES

Adam Williams

Adam Williams

Comptroller-General of Patents, Designs and Trade Marks

Intellectual Property Office

The attention of the Proprietor(s) is drawn to the important notes overleaf.



Intellectual Property Office is an operating name of the Patent Office

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(57) Abstract :

The present invention discloses a novel pyrazolechalcone represented by the following structural formula (1) having anti-cancer activity.

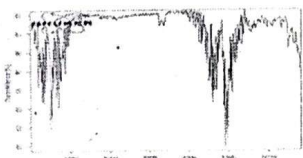


FIG. 1: Illustrative FT-IR spectra of the compound having formula (1)

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