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पेटेंट प्रमाणपत्र
PATENT CERTIFICATE
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पेटेंट सं. / Patent No. : 362148
आवेदन सं. / Application No. : 201821050059
फाइल करने की तारीख / Date of Filing : 31/12/2018
पेटेंटी / Patentee : SV INNOVATION FOUNDATION

प्रमाणित किया जाता है कि पेटेंटी को उपरोक्त आवेदन में यथाप्रकटित HERBAL FORMULA CONTAINING GYMNOSPORA MONTANA LEAF EXTRACT FOR THE TREATMENT OF LIVER DISEASES नामक आविष्कार के लिए, पेटेंट अधिनियम, 1970 के उपबंधों के अनुसार आज तारीख 31st day of December 2018 से बीस वर्ष की अवधि के लिए पेटेंट अनुदत्त किया गया है।

It is hereby certified that a patent has been granted to the patentee for an invention entitled HERBAL FORMULA CONTAINING GYMNOSPORA MONTANA LEAF EXTRACT FOR THE TREATMENT OF LIVER DISEASES as disclosed in the above mentioned application for the term of 20 years from the 31st day of December 2018 in accordance with the provisions of the Patents Act, 1970.



अनुदान की तारीख : 19/03/2021
Date of Grant :

पेटेंट नियंत्रक
Controller of Patent

टिप्पणी - इस पेटेंट के नवीकरण के लिए फीस, यदि इसे बनाए रखा जाना है, 31st day of December 2020 को और उसके पश्चात प्रत्येक वर्ष में उसी दिन देय होगी।
Note. - The fees for renewal of this patent, if it is to be maintained will fall / has fallen due on 31st day of December 2020 and on the same day in every year thereafter.

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Patent Search

Invention Title	HERBAL FORMULA CONTAINING GYMNOSPORA MONTANA LEAF EXTRACT FOR THE TREATMENT OF LIVER DISEASES
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Inventor

Name	Address	Country	Nat
Dhru Bhavita Himanshubhai	Faculty, K. B. Institute of Pharmaceutical Education and Research, Kadi Sarva Vishwavidyalaya, Sector - 23, Near GH - 6, Gandhinagar, - 382023, Gujarat, India.	India	Indi
Zaveri Maitreyi Narendrakumar	Faculty, K. B. Institute of Pharmaceutical Education and Research, Kadi Sarva Vishwavidyalaya, Sector - 23, Near GH - 6, Gandhinagar, - 382023, Gujarat, India.	India	Indi
Deshpande Shrikalp Shrikant	Head of the Institute, K. B. Institute of Pharmaceutical Education and Research, Kadi Sarva Vishwavidyalaya, Sector - 23, Near GH - 6, Gandhinagar, - 382023, Gujarat, India.	India	Indi

Applicant

Name	Address	Country	Nati
SV INNOVATION FOUNDATION	Sarva Vidyalaya Innovation Foundation, Kelvani Mandal, Station Road, Kadi Mehsana - 382715, Gujarat, India.	India	Indi

Abstract:

The present invention relates to a herbal formula containing *Gymnosporia montana* leaf extract for the treatment of liver diseases which may optionally contain one or bc among Piperine extracted from the fruits of Long pepper and alcoholic extracts of roots of *Oroxylum indicum*. This formulation can be used for effective treatment of a nu liver diseases. This formulation can be made in different compositions and dosage forms. Being a herbal formulation, it has minimal side effects and is economical thereb making it affordable. The formulation also possesses antibacterial and antimutagenic activity along with having hepatoprotective and immunomodulatory activity.

Complete Specification

Claims: We claim,

- Herbal formula containing *Gymnosporia montana* leaf extract for the treatment of liver diseases comprises all or some among the extracts of the leaves of *Gymnosporia montana*, the extracts of the fruits of Piperine extracted from Long pepper and the extracts of the roots of *Oroxylum indicum* in different combinations to prepare various dosage forms and formulations wherein the steps of preparing the powders of the plant materials are as follows:
 - collecting and drying each plant material under shade and powdering it;
 - extracting powdered crude drug by refluxing with solvent by applying moderate heat and occasional shaking for an hour;
 - keeping it overnight and then filtering;
 - again adding the solvent twice to the macerate and refluxing for about an hour and then filtering it; and
 - combining all the filtrate, concentrating to dryness and storing in air-tight containers
 wherein the powders of the plant materials prepared are used to prepare one among aqueous, alcoholic or hydro-alcoholic extracts wherein *Gymnosporia montana* is optionally mixed with one or both among Piperine extracted from Long pepper and *Oroxylum indicum* to prepare different kinds of dosage forms like tablets, capsules, syrups, mucoadhesive tablets and others.
- The herbal formula containing *Gymnosporia montana* leaf extract for the treatment of liver diseases as claimed in claim 1(ii) wherein the solvent used is one among water, alcohol and hydro-alcohol mixture.
- The herbal formula containing *Gymnosporia montana* leaf extract for the treatment of liver diseases as claimed in claim 1 wherein *Gymnosporia montana* leaves

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