

PATENT NO. 350155
NOVEL NANOEMULSION/ SELF NANOEMULSIFYING DRUG DELIVERY SYSTEM FOR ENHANCED ORAL BIOAVAILABILITY OF HYDROPHOBIC SELECTIVE β 1-ADRENORECEPTOR BLOCKER

APPLICATION NO. 1436/DEL/2012

APPLICANT

Panjab University, Chandigarh, Punjab

ABSTRACT

The present invention discloses an oil-in-water nanoemulsion drug delivery system of hydrophobic therapeutic agent with a mean particle diameter of 10 to 200 nm that comprises at least an oil having a concentration of greater than or equal to 10% (w/w) of oil wherein the hydrophobic therapeutic agent is a P-glycoprotein substrate, talinolol.

INVENTOR

Sinha, Vivek Ranjan
Ghai, Damanjeet
University Institute of Pharmaceutical Sciences, Panjab University, Chandigarh

CLAIM 1

An oil-in-water nanoemulsion drug delivery system of hydrophobic therapeutic agent with a mean particle diameter of 10 to 200 nm that comprises at least an oil having a concentration of greater than or equal to 10% (w/w) of oil wherein the hydrophobic therapeutic agent is a P-glycoprotein substrate, talinolol.

क्रमांक : 01127983
SL No :

भारत सरकार
GOVERNMENT OF INDIA
पेटेंट कार्यालय
THE PATENT OFFICE
पेटेंट प्रमाणपत्र
PATENT CERTIFICATE
(Rule 214 of The Patents Rules)

पेटेंट सं. / Patent No.	350155
अवेदन सं. / Application No.	1436/DEL/2012
फाइल करने की तारीख / Date of Filing	10/05/2012
पेटेंटी / Patentee	PANJAB UNIVERSITY
अविष्कारक (जहां लागू हो) / Inventor(s)	1 SINHA, VIVEK RANJAN 2 GHAI, DAMANJEET

प्रमाणित किया जाता है कि पेटेंटी को उपरोक्त आवेदन में ब्यक्तकृतित "NOVEL NANOEMULSION/ SELF NANOEMULSIFYING DRUG DELIVERY SYSTEM FOR ENHANCED ORAL BIOAVAILABILITY OF HYDROPHOBIC SELECTIVE B1-ADRENORECEPTOR BLOCKER" नामक आविष्कार के लिए, पेटेंट अधिनियम, 1970 के उपबन्धों के अनुसार आज तारीख 10th day of May 2012 से बीस वर्ष की अवधि के लिए पेटेंट अनुदान किया गया है।

It is hereby certified that a patent has been granted to the patentee for an invention entitled "NOVEL NANOEMULSION/ SELF NANOEMULSIFYING DRUG DELIVERY SYSTEM FOR ENHANCED ORAL BIOAVAILABILITY OF HYDROPHOBIC SELECTIVE B1-ADRENORECEPTOR BLOCKER" as disclosed in the above mentioned application for the term of 20 years from the 10th day of May 2012 in accordance with the provisions of the Patents Act,1970.

INTELLECTUAL PROPERTY INDIA
PATENTS | DESIGNS | TRADE MARKS
GEOGRAPHICAL INDICATION

अनुदान की तारीख : 27/10/2020
Date of Grant

नियंत्रक
Controller of Patent

टिप्पणी - इस पेटेंट में नवीकरण के लिए, पेटेंट, यह पूरी क्षमता रखा जाना है, 10th day of May 2014 से और उसके पश्चात प्रत्येक वर्ष में जारी किए दिए के।
Note - The fees for renewal of this patent, if it is to be maintained will fall / has fallen due on 10th day of May 2014 and on the same day in every year thereafter.