

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202311027427 A

(19) INDIA

(22) Date of filing of Application :13/04/2023

(43) Publication Date : 02/06/2023

(54) Title of the invention : A NANOFIBER PATCH COMPRISING HYDROCHLOROTHIAZIDE, AND A GREEN METHOD FOR PREPARING THEREOF

<p>(51) International classification :A61K 097000, A61K 315490, B01J 350000, C07D 852800, D01D 050000</p> <p>(86) International Application No :PCT// Filing Date :01/01/1900</p> <p>(87) International Publication No : NA</p> <p>(61) Patent of Addition to Application Number :NA Filing Date :NA</p> <p>(62) Divisional to Application Number :NA Filing Date :NA</p>	<p>(71)Name of Applicant : 1)Chitkara University Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----</p> <p>2)Chitkara Innovation Incubator Foundation Name of Applicant : NA Address of Applicant : NA</p> <p>(72)Name of Inventor : 1)BASSI, Pallavi Address of Applicant :Chitkara College of Pharmacy, Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala ----- --</p> <p>2)SINGH, Thakur Gurjeet Address of Applicant :Chitkara College of Pharmacy, Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala ----- --</p>
---	---

(57) Abstract :

The present disclosure pertains to a topical or transdermal delivery of an active agent in a therapeutically effective amount. In particular, the present disclosure provides a nanofiber patch comprising an active agent, a water soluble and/or biodegradable polymer and a nanofiber protective layer; and a method for preparing thereof.

No. of Pages : 22 No. of Claims : 13