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(54) Title of the invention : METFORMIN HYDROCHLORIDE LOADED TRANSFEROSOMAL GEL AND A METHOD OF PREPARATION THEREOF

<p>(51) International classification :A61K 090000, A61K 092000, A61K 311550, A61P 031000, E21B 432500</p> <p>(86) International Application No :NA Filing Date :NA</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> <p>3)KAUR, Amarjot Address of Applicant :Chitkara College of Pharmacy, Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----</p> <p>4)CHAUHAN, Samrat Address of Applicant :Chitkara College of Pharmacy, Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----</p> <p>5)THAKUR, Ankita Address of Applicant :Baddi University of Emerging Sciences and Technology, Baddi, Himachal Pradesh 173205, India Solan -----</p>
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(57) Abstract :

The present disclosure relates generally to pharmaceutical formulations. More specifically, the disclosure is directed to a thermosensitive transferosomal gel formulation of metformin or pharmaceutically acceptable salts thereof for the localized vaginal delivery in the treatment of PCOS. The present disclosure also provides a method of preparation of the thermosensitive transferosomal gel formulation.

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