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पेटेंट कार्यालय का एक प्रकाशन
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(54) Title of the invention : FORMULATION AND EVALUATION OF TRANSDERMAL PATCH OF CURCUMIN CONTAINING LEMON GRASS OIL AS PENETRATION ENHANCER

<p>(51) International classification :A61K0009700000, A61K0031120000, A61P0029000000, A61K0008920000, C04B0111000000</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)Ms. Heena Farooqui Address of Applicant :Assistant Professor, School of Pharmaceutical Sciences, Faculty of Pharmacy, IFTM University, Moradabad, Uttar Pradesh, Pin Code: 244102 ----- 2)Mr. Ataul Hasan 3)Dr. Sushil Kumar Name of Applicant : NA Address of Applicant : NA</p> <p>(72)Name of Inventor : 1)Ms. Heena Farooqui Address of Applicant :Assistant Professor, School of Pharmaceutical Sciences, Faculty of Pharmacy, IFTM University, Moradabad, Uttar Pradesh, Pin Code: 244102 ----- 2)Mr. Ataul Hasan Address of Applicant :Research Scholar, School of Pharmaceutical Sciences, IFTM University, Moradabad, Uttar Pradesh, Pin Code: 244102 ----- 3)Dr. Sushil Kumar Address of Applicant :Director (Professor), School of Pharmaceutical Sciences, Faculty of Pharmacy, IFTM University, Moradabad, Uttar Pradesh, Pin Code: 244102 -----</p>
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(57) Abstract :

The present invention relates to the preparation of transdermal patch of herbal drug (curcumin) to increase its efficacy and to create a good impact. Transdermal patches were prepared, with essential oil (lemon oil) as penetration enhancer due to which anti-inflammatory activity is improved. Polymers used in the present study were Eudragit RS100 and Eudragit RL100 which plays important role in rate controlling of drug. The curcumin patches developed in this study shows great utility and have viable option for effective and controlled management of inflammation.

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