

पेटेंट कार्यालय  
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पेटेंट कार्यालय का एक प्रकाशन  
PUBLICATION OF THE PATENT OFFICE

(54) Title of the invention : BEHAVIORAL AND BIOCHEMICAL INVESTIGATION OF AMARANTHUS SPINOSUS FOR ANTISTRESS ACTIVITY

<p>(51) International classification :A61K0036210000, A61K0036185000, A61K0008368000, G11C0029500000, A61Q0019080000</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 :</p> <p><b>1)Mr. Raj Kumar Singh Bharti</b> Address of Applicant :Assistant Professor, School of Pharmaceutical Sciences, IFTM University, Moradabad, Uttar Pradesh, Pin Code: 244102 -----</p> <p><b>2)Mr. Anesh Sagar</b> <b>3)Mr. Dinesh Kumar</b> <b>4)Mr. Shivam</b> <b>5)Mr. Amit Kumar</b> <b>6)Mr. Munna Singh</b> Name of Applicant : NA Address of Applicant : NA</p> <p>(72)Name of Inventor :</p> <p><b>1)Mr. Raj Kumar Singh Bharti</b> Address of Applicant :Assistant Professor, School of Pharmaceutical Sciences, IFTM University, Moradabad, Uttar Pradesh, Pin Code: 244102 -----</p> <p><b>2)Mr. Anesh Sagar</b> Address of Applicant :Assistant Professor, School of Pharmaceutical Sciences, IFTM University, Moradabad, Uttar Pradesh, Pin Code: 244102 -----</p> <p><b>3)Mr. Dinesh Kumar</b> Address of Applicant :Assistant Professor, School of Pharmaceutical Sciences, IFTM University, Moradabad, Uttar Pradesh, Pin Code: 244102 -----</p> <p><b>4)Mr. Shivam</b> Address of Applicant :Assistant Professor, School of Pharmaceutical Sciences, IFTM University, Moradabad, Uttar Pradesh, Pin Code: 244102 -----</p> <p><b>5)Mr. Amit Kumar</b> Address of Applicant :Assistant Professor, School of Pharmaceutical Sciences, IFTM University, Moradabad, Uttar Pradesh, Pin Code: 244102 -----</p> <p><b>6)Mr. Munna Singh</b> Address of Applicant :Assistant Professor, School of Pharmaceutical Sciences, IFTM University, Moradabad, Uttar Pradesh, Pin Code: 244102 -----</p>
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## (57) Abstract :

The present invention relates to the preparation of extract of Amaranthus Spinosus, and evaluation for anti-stress activity. It also involves the process of preparing the extract, and screening the extract for the active constituents. The results showed that the extract contains the salicylic acid, Gallic acid, and photocatechuric acid. The prepared extract was evaluated for the anti-stress activity by using the Swimming endurance test, Anoxia stress tolerance test and Immobilization stress test.

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