

(54) Title of the invention : POLYPHENOLIC POLYMERIC NANOEMULSION

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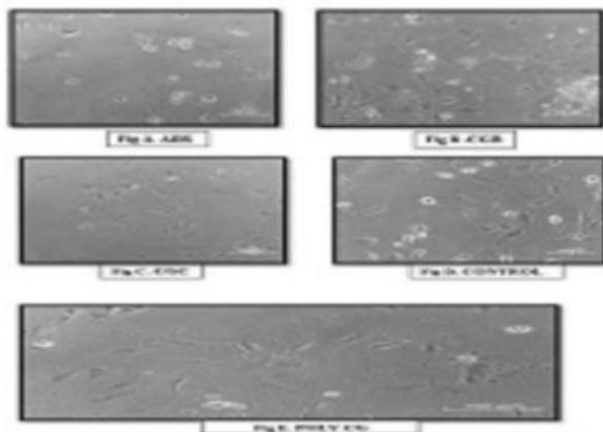
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(71)Name of Applicant :
1)Ms. POOJA Santosh Murkute
 Address of Applicant :Late Bhagirathi Yashwantrao Pathrikar College of D. Pharmacy (D Pharm and B Pharm) Pathri, Tq. Phulambri, Dist. Aurangabad – 431111, Maharashtra, India. -----
2)Dr. UJWALDIP V. Deore
3)Dr. S. J. Surana
4)Mr. NAKUL Pandharinath Kathar
5)Ms. SHUBHANGI Rajendra Manikpuriya
 Name of Applicant : NA
 Address of Applicant : NA

(72)Name of Inventor :
1)Ms. POOJA Santosh Murkute
 Address of Applicant :Late Bhagirathi Yashwantrao Pathrikar College of D. Pharmacy (D Pharm and B Pharm) Pathri, Tq. Phulambri, Dist. Aurangabad – 431111, Maharashtra, India. -----
2)Dr. UJWALDIP V. Deore
 Address of Applicant :R. C. Patel Institute of Pharmaceutical Education and Research, Karwand Naka, Taluka. Shirpur, Dist. Dhule – 425405, Maharashtra, India. -----
3)Dr. S. J. Surana
 Address of Applicant :R. C. Patel Institute of Pharmaceutical Education and Research, Karwand Naka, Taluka. Shirpur, Dist. Dhule – 425405, Maharashtra, India. -----
4)Mr. NAKUL Pandharinath Kathar
 Address of Applicant :Late Bhagirathi Yashwantrao Pathrikar College of D. Pharmacy (D Pharm and B Pharm) Pathri, Tq. Phulambri, Dist. Aurangabad – 431111, Maharashtra, India. -----
5)Ms. SHUBHANGI Rajendra Manikpuriya
 Address of Applicant :Late Bhagirathi Yashwantrao Pathrikar College of D. Pharmacy (D Pharm and B Pharm) Pathri, Tq. Phulambri, Dist. Aurangabad – 431111, Maharashtra, India. -----

(57) Abstract :
 The present invention relates to a polyphenolic polymeric nano emulsion comprising of curcumin, 6-gingerol, surfactant, co-surfactant, oil and polymeric solution. The nano emulsion formulation is an intranasal drug dosage form for the treatment of brain tumour and is found to be easy, safe and effective drug delivery system. This invention also provides a suitable process for the preparation of nano emulsion.

Figure no 1 - Phase contrast microscopic image of human glioblastoma cell line indicating % growth inhibition by Fig A -ADR, Figure B - CGB, Figure C-CGC, Figure D - Control, Figure E -Poly CG



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