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(51) International classification	:C02F0003320000, A61K0035620000, C12N0001120000, C02F0103000000, A01K0067033000	(71)Name of Applicant : 1)Pankaj Kumar Singh Address of Applicant :R.D. Engineering College 8th KM Mile Stone from Ghaziabad National Highway(NH) No.58, Delhi - Meerut Expy, Duhai, Ghaziabad, Uttar Pradesh 201206 Uttar Pradesh India 2)Ravi Shanker Singh 3)Shivesh Pratap Singh 4)Sanjay Paliwal 5)Jamal Mohammed 6)Abhishek Singh 7)Supriya
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(57) Abstract :

The present disclosure relates to a composition for remediating methyl mercury contaminated water is disclosed. The composition includes an earthworm *Eisenia fetida*, algae consortia, and an adsorbent. The earthworm can feed on the algae consortia to survive in the water undergoing contamination therethrough. The algae consortium includes red algae, brown algae, and green algae. The treated water has COD in the range of 80-90%. The treated water has BOD>90%.

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