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Patent Search

Invention Title	GROUND IMPROVEMENT TECHNIQUE USING INDIGENOUS BACTERIA FOR BIOCEMENTATION OF EXPANSIVE SOIL SUBGRADES		
Publication Number	14/2021		
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Publication Type	INA		
Application Number	202021057003		
Application Filing Date	29/12/2020		
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Priority Date			
Field Of Invention	BIOTECHNOLOGY		
Classification (IPC)	C12N0001200000, E02D0003120000, C04B0028100000, C04B0111000000, C09K0017020000		
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Abstract:			
Abstract Ground Improvement Technique using Indigenous Bacteria for Biocementation of Expansive Soil Subgrades The Invention relates to new method for controlling swelling shrinkage nature of expansive soil. The Invention provides ground improvement technique with environment friendly, less invasive and durable materials and which are sustainable, less energy-consuming, economical, and environmentally friendly.			



क्रम सं/SL No :022125824



पेटेंट कार्यालय, भारत सरकार The Patent Office, Government Of India
पेटेंट प्रमाण पत्र Patent Certificate

(पेटेंट नियमावली का नियम 74) (Rule 74 of The Patents Rules)

पेटेंट सं. / Patent No.

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फाइल करने की तारीख / Date of Filing

29/12/2020

पेटेंटी / Patentee

Indian Institute of Technology Indore

प्रमाणित किया जाता है कि पेटेंटी को, उपरोक्त आवेदन में यथाप्रकटित GROUND IMPROVEMENT TECHNIQUE USING INDIGENOUS BACTERIA FOR BIOCEMENTATION OF EXPANSIVE SOIL SUBGRADES नामक आविष्कार के लिए, पेटेंट अधिनियम, 1970 के उपबंधों के अनुसार आज तारीख दिसम्बर 2020 के उन्तीसवें दिन से बीस वर्ष की अवधि के लिए पेटेंट अनुदत्त किया गया है।

It is hereby certified that a patent has been granted to the patentee for an invention entitled GROUND IMPROVEMENT TECHNIQUE USING INDIGENOUS BACTERIA FOR BIOCEMENTATION OF EXPANSIVE SOIL SUBGRADES as disclosed in the above mentioned application for the term of 20 years from the 29th day of December 2020 in accordance with the provisions of the Patents Act, 1970.



अनुदान की तारीख

24/07/2023

Date of Grant:

पेटेंट नियंत्रक

Controller of Patents

टिप्पणी - इस पेटेंट के नवीकरण के लिए फीस, यदि इसे बनाए रखा जाना है, दिसम्बर 2022 के उन्तीसवें दिन को और उसके पश्चात प्रत्येक वर्ष में उसी दिन देय होगी।

Note. - The fees for renewal of this patent, if it is to be maintained, will fall / has fallen due on 29th day of December 2022 and on the

same day in every year thereafter.