(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/11/2022

(21) Application No.202211064798 A
(43) Publication Date : 25/11/2022

(54) Title of the invention : AUTOMATED FLOOR RAMMING DEVICE

(51) International classification	:A61B0090900000, B66F0009075000, G09F0019220000, C25C0003080000, G01N0035000000
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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(57) Abstract :
An automated floor ramming device, comprising a platform 1 with multiple motorized wheels 2 for providing movement to the platform 1 on the floor, an capturing module 3 for capturing and processing images of the floor to detect area of the floor, a display panel 4 for enabling a user to input data regarding level of compaction of bricks, a motorized gear train arrangement 5 with a shaft 6 for providing a reciprocatory movement to the shaft 6 for ramming floor, a compaction unit 7 for moving in the reciprocatory movement along with shaft 6 over bricks in order to perform the ramming process, a gripper 8 positioned on the platform 1, a weight sensor for detecting presence of the collected chips, a motorized grinder 9 for grinding brick to fine powder and an electronic valve 11 for dispensing brick powder within gaps present on rammed floor.

No. of Pages : 15 No. of Claims : 5

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