

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202111014089 A

(19) INDIA

(22) Date of filing of Application :30/03/2021

(43) Publication Date : 23/12/2022

(54) Title of the invention : SURFACE SMOOTHING DEVICE

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| (51) International classification | :A47L0011400000, B60S0001040000, G08B0013190000, B60L0050160000, B63H0021170000 | (71)Name of Applicant : 1)Chandigarh Group of Colleges, Jhanjeri Address of Applicant :State Highway 12A Jhanjeri, Sahibzada Ajit Singh Nagar, Punjab 140307, India. Punjab India |
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| (87) International Publication No | : NA | 5)Sarabjit Singh |
| (61) Patent of Addition to Application Number | :NA | |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

A flexible metal sheet 1 mounted on plurality of motorized rods 2 for smoothing a surface, a railing 3 attached to the motorized rods 2 for providing movement to the rods 2, a telescopic rod 4 secured on the railing 3 via a ball and socket assembly 5 to adjust height of the sheet 1, wherein the assembly 5 moves the sheet 1 in a pre-defined angle, a primary PIR sensor 6 linked with a controller for detecting the crust adhered on the sheet 1, wherein the controller generates a command to actuate a wiper unit 11, a container 10 incorporated with the expandable wiper unit 11, wherein the unit 11 aids in mopping, a secondary PIR sensor 12 integrated with the controller for detecting any bruises on the metal sheet 1, wherein the controller generates a command as per acquired data from the sensor 12, a telescopically operated sandpaper unit 13 embedded within the chamber 10 for abrasing surface of the sheet 1. Ref Figure 1 and 2

No. of Pages : 14 No. of Claims : 6