

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202211018708 A

(19) INDIA

(22) Date of filing of Application :30/03/2022

(43) Publication Date : 09/02/2024

(54) Title of the invention : AUTOMATED WASHING MACHINE DRUM CLEANING DEVICE

(51) International classification :B08B0003020000,
B08B0005020000,
A47L0011400000,
B08B0001000000,
F01D0025000000

(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :

device comprising a housing 1 having a first and second section, an imaging unit 2 installed on the first section for detecting internal components and presence of dirt/dust, a motorized disc 3 configured on the roof and equipped with a set of tools for unfastening components of the drum, a set of robotic clamps 6 arranged within the housing 1 for placing the drum on a rotatable platform 10 crafted within a second section, a pair of cleaning tools 7, 8 configured on the second section for cleaning internal and external surface of the drum and multiple nozzles 9 integrated on the tools and wall of the housing 1 for discharging high pressurized water stream for assisting the cleaning tools 7, 8 in cleaning the drum.

No. of Pages : 15 No. of Claims : 10