(19) INDIA

(22) Date of filing of Application :23/03/2020 (43) Publication Date : 24/09/2021

## (54) Title of the invention: DOOR OPERATING DEVICE

(51) International classification	:B61D0019000000, E05F0015611000, E05B0083400000, A47L0015000000, B61D0019020000	(71)Name of Applicant:  1)CGC Technical Campus Jhanjeri Address of Applicant: State Highway 12A Jhanjeri, Sahibzada Ajit Singh Nagar, Punjab 140307, India. Punjab India (72)Name of Inventor:
(31) Priority Document No	:NA	1)Dr. Sarabjit Singh
(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 Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) 11		•

## (57) Abstract:

A door operating device, comprising a pair of door operating unit(s) 1, 7 installed on a door 2 for performing opening/closing operation of the door 2, wherein a first operating unit 1 is employed for opening the door 2 and a second operating unit 7 for closing the door 2, a plate 3 for establishing a link in between the first 1 and second door operating units 7, a pair of movable rod(s) 4, 6 for retracting in/out of plate 3 for engaging/disengaging with the operating unit(s) in order to facilitate opening and closing of door 2, a motor for assisting in the retraction of the rod(s), a control unit for rotating the motor in a clockwise/anti-clockwise direction to carry out the retraction of the rods 4, 6 and a set of two buttons 5 for sending a relative signal to the control unit for carrying out the operation.

No. of Pages: 11 No. of Claims: 7