

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202011012480 A

(19) INDIA

(22) Date of filing of Application :23/03/2020

(43) Publication Date : 24/09/2021

(54) Title of the invention : AUTOMATIC WALNUT SHELL SPLITTING DEVICE

(51) International classification	:F03D0001060000, B01F0011000000, G01N0001380000, G02B0026080000, F16M0013020000	(71)Name of Applicant : <b>1)CGC Technical Campus Jhanjeri</b> Address of Applicant :State Highway 12A Jhanjeri, Sahibzada Ajit Singh Nagar, Punjab 140307, India. Punjab India
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(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	

(57) Abstract :

The present invention relates to an automatic walnut shell splitting device comprising a motor 1 attached with the device for providing rotational motion, the motor 1 is actuated by battery 2 which provides the power source when switch 3 is on, a rotating rod 4 attached with a half conical flask 5 for rotating the conical flask 5, the rotating rod 4 is rotated by the motor 1, plurality of the half conical flasks 5 connected with a hinge 6 for fixing the half conical flask 5 together from one end, the hinge 6 may be made of flexible material or moving components, a fixed rod 7 attached with a bearing 8 at one end and the half conical flask 5 at other end for rotational movement, a plate 9 attached with the fixed rod 7 for connecting the half conical flasks 5 for splitting walnut shell and a collecting unit 10 placed at a base of the device below the conical flask 5 for collecting walnuts.

No. of Pages : 12 No. of Claims : 8