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Patent Search

Invention Title	ELECTRO-HYDRAULIC COMPRESSION BASED PSEUDO STEM JUICER
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Abstract:

The Electro-Hydraulic Compression (EHC) based pseudo stem juicer is made up of mild steel and the center and base plate is made up silver. The EHP based pseudo : mainly consists of three major parts, i) Electrical motor setup, ii) Hydraulic setup and iii) Power supply unit. Wherein the advantages of the electro-hydraulic compress pseudo stem juicer are i) Juice can extract without changing the quality and color, ii) Simple operation, iii) Easy portability and iv) Less weight and Low cost and v) High and less maintenance.

Complete Specification

[0001] The present invention relates to agricultural equipment, more particularly to a electro-hydraulic compression based pseudo stem juicer for making a juice from banana pseudo stem. BACKGROUND OF THE INVENTION

[0002] Many types of juicers are available in market but most of the juicers are electric mixer type juicers and remaining juicers are handmade ordinary less compression power juicers. Similarly, banana stem juice quality and color is changed due to overheat producing from ordinary electric mixers. And also other handmade juicers : compression power juicers, as a result, this kind of handmade mixers are not able to extract the juice from the banana pseudo stem. Another most important problem many times the ordinary electric mixers are jamming the rotor due to overheat produced from the rotor because the huge amount of fibers are extracted from the pseudo stem during the juice extraction. As a result user should need to reset the electric mixer in every juice extraction.

[0003] This invention gives the solution to the specified problems, the electro hydraulic compression based juicer is used to extract the juice from the banana pseudo stem using the hydraulic compression. The juice extraction is made without chemical or thermal reaction and also without changing the quality and color. The juice can be extracted using electric motor and hydraulic piston and cylinder.

[0004] The main objective of the invention is to develop a device of electro-hydraulic compression based pseudo stem juicer for making juice from banana pseudo stem.

[0005] The next objective of the invention is to develop a device which the juice can extract from banana pseudo stem without changing the quality and color

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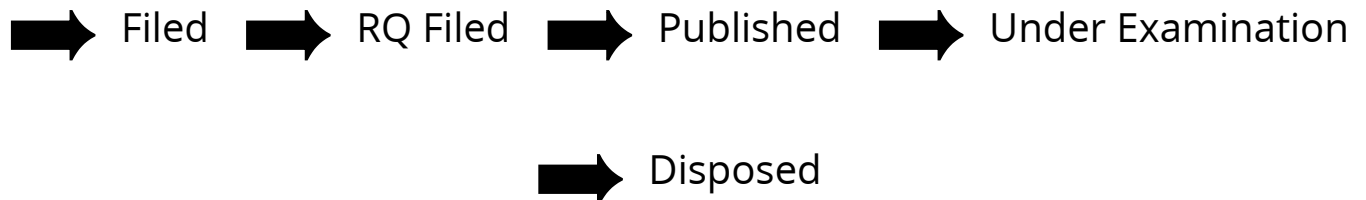
Application Details

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APPLICANT NAME	T.Rajamanikandan
TITLE OF INVENTION	ELECTRO-HYDRAULIC COMPRESSION BASED PSEUDO STEM JUICER
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Application Status

APPLICATION STATUS

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सत्यमेव जयते



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Patent Certificate

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फाइल करने की तारीख / Date of Filing

05/07/2018

पेटेंटी / Patentee

T.Rajamanikandan

प्रमाणित किया जाता है कि पेटेंटी को, उपरोक्त आवेदन में यथाप्रकरित **ELECTRO-HYDRAULIC COMPRESSION BASED PSEUDO STEM JUICER** नामक आविष्कार के लिए, पेटेंट अधिनियम, 1970 के उपबंधों के अनुसार आज तारीख जुलाई 2018 के पांचवें दिन से बीस वर्ष की अवधि के लिए पेटेंट अनुदत्त किया गया है।

It is hereby certified that a patent has been granted to the patentee for an invention entitled **ELECTRO-HYDRAULIC COMPRESSION BASED PSEUDO STEM JUICER** as disclosed in the above mentioned application for the term of 20 years from the 5th day of July 2018 in accordance with the provisions of the Patents Act, 1970.



(Signature)

Controller of Patents

अनुदान की तारीख : 28/07/2023
Date of Grant :

टिप्पणी - इस पेटेंट के नवीकरण के लिए फीस, यदि इसे बनाए रखा जाना है, जुलाई 2020 के पांचवें दिन को और उसके पश्चात प्रत्येक वर्ष में उसी दिन देय होगी।
Note. - The fees for renewal of this patent, if it is to be maintained, will fall / has fallen due on 5th day of July 2020 and on the same day in every year thereafter.