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Patent Search

Invention Title	ECO FRIENDLY ENERGY EFFICIENT VACUUM LIGHT SWITCH
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Abstract:

This invention describes the Eco Friendly Energy Efficient Vacuum (EFEEV) light switch, which conquer the disadvantage of the Ordinary Light Switch (OLS)..The arc or : produced in the OLS during switching and it is operate in open air condition. Conversely, the vacuum chamber is provided to avoid the arc during the switching in the switch. The EFEEV light switch is made by the bio-degradable materials such as bio-plastic. The EFEEV light switch is made especially to avoid the switching losses. The switch is working under the principle of vacuum switch gears and it consists of vacuum chamber, plunger, handle setupand airless soft rubber locker system. The EFE switch is working with the help of airless soft rubber locker system. Concurrently, the EFEEV light switch is made up of bio-degradable material instead of plastic sw Therefore, the bellow based airless rubber locker system is not allowed to producing the arc or sparking between the fixed and moving contact during switching. The the EFEEV light switch are: 1) Lossless switching operation, 2) Eco friendly, 3) Safety operation 4) Less maintenance and 5) Low cost mechanism. This EFEEV light switch constructive for energy efficient and customer safety.

Complete Specification

FIELD OF THE INVENTION

The present invention is in the field of electric household's light switches and industrial low current switches for light and fan applications. More particularly, the present invention is directed to a vacuum light switch.

BACKGROUND OF THE INVENTION

Most of the domestic consumers are using low current ordinary light switch (OLS) for switching the light, fan and any electric appliances. The spark or arc will produ to slow or fast switching in every light switches especially in winter and misty seasons due to reduction of room temperature and clearance of the contacts of the sv Similarly .power losses are produced due to current consumption of the metal and spring contacts of the switch mechanism. " These metal and spring mechanism : consume some amount of current which causes the power losses.

The group of domestic customers operates the switch (ON/OFF) in every single second at a time in across the country. As a result, the power loss is very high due to switching. And also the OLS is made in porcelain or plastic; these materials are makes the environmental pollution, because these materials are not degradable. The the problems to found the Eco Friendly Energy Efficient Vacuum (EFEEV) light switch. In this EFEEV light switch overcomes the drawbacks of the OLS.

This invention gives the solution to switching losses of the light switches or low current switches. The vacuum light switch is made for loss less energy efficient appli and this switch offers an eco-friendly and customer safety. This invention is related to switch gears, in order to ensure the safety of the customer.

SUMMARY OF THE INVENTION

Fig. 1 shows the eco friendly energy efficient vacuum light switch is made up of bio-degradable materials such as bio-plastic. The EFEEV light switch is mainly consis

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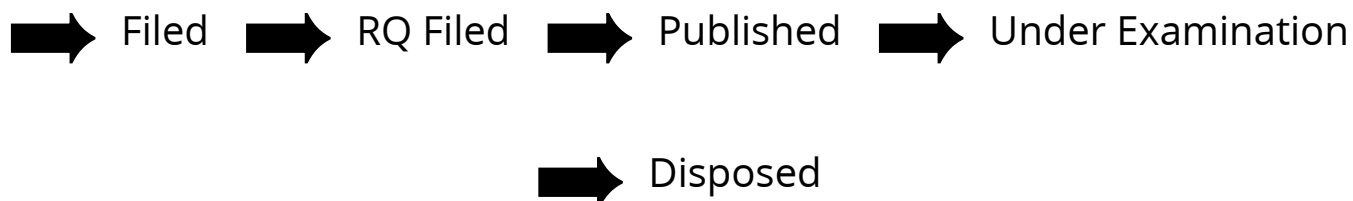
Application Details

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APPLICANT NAME	T.RAJAMANIKANDAN
TITLE OF INVENTION	ECO FRIENDLY ENERGY EFFICIENT VACUUM LIGHT SWITCH
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Application Status

APPLICATION STATUS

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सत्यमेव जयते



पेटेंट कार्यालय, भारत सरकार

The Patent Office, Government Of India

पेटेंट प्रमाण पत्र

Patent Certificate

(पेटेंट नियमावली का नियम 74)

(Rule 74 of The Patents Rules)

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आवेदन सं. / Application No. 201741041093

फाइल करने की तारीख / Date of Filing 17/11/2017

पेटेंटी / Patentee T.RAJAMANIKANDAN

प्रमाणित किया जाता है कि पेटेंटी को, उपरोक्त आवेदन में यथाप्रकरित **ECO FRIENDLY ENERGY EFFICIENT VACUUM LIGHT SWITCH** नामक आविष्कार के लिए, पेटेंट अधिनियम, 1970 के उपबंधों के अनुसार आज तारीख नवम्बर 2017 के सत्रहवें 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 **ECO FRIENDLY ENERGY EFFICIENT VACUUM LIGHT SWITCH** as disclosed in the above mentioned application for the term of 20 years from the 17th day of November 2017 in accordance with the provisions of the Patents Act, 1970.



(Signature)

Controller of Patents

अनुदान की तारीख : 06/12/2023
Date of Grant :

टिप्पणी - इस पेटेंट के नवीकरण के लिए फीस, यदि इसे बनाए रखा जाना है, नवम्बर 2019 के सत्रहवें 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 17th day of November 2019 and on the same day in every year thereafter.