Patent Search

Invention Title	ARTIFICIAL INTELLIGENCE AND DEEP LEARNING BASED TECHNIQUE FOR UNDERSTANDING THE VARIOUS THERMOELE
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Abstract:

The present invention relatesartificial intelligence and deep learning-based technique for understanding the various thermoelectric materials. The pr database, cloud storage, clustered thermoelectric material, comparative unit.Thedatabase which includes data regarding various thermoelectric mat intelligence and deep learning unit will cluster the thermoelectric materials using the k-means clustering unit.The data is stored on cloud storage.

Complete Specification

Technical field of invention:

The present invention relates artificial intelligence and deep learning-based technique for understanding the various thermoelectric materials.

Background:

Thermoelectric materials are a class of materials in which conversion between thermal energy and electrical energy can be realized. This conversio and heat transport, with electrons and photons mainly being the carriers. Thermoelectric materials are used in niche cooling applications. They are exploration to convert heat from a radioactive material into electricity.

A number of different types of thermoelectric material systems that are known in the prior art. For example, the following patents are provided for teachings and are all incorporated by reference.

Recent advances and applications of deep learning methods in materials science Deep learning (DL) is one of the fastest-growing topics in material rapidly emerging applications spanning atomistic, image-based, spectral, and textual data modalities. DL allows analysis of unstructured data and a

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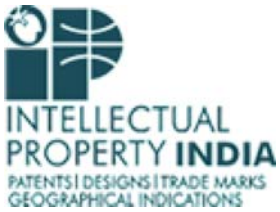

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APPLICANT NAME	1 . Dr. Mahipal Singh 2 . Kumar Sawrav 3 . Mrs. Putta Durga 4 . Dr. Mehul Manu 5 . Dr. Saravana Kumar 6 . Dr. R. Gayatri Devi
TITLE OF INVENTION	ARTIFICIAL INTELLIGENCE AND DEEP LEARNING BASED TECHNIQUE FOR UNDERSTANDING THE VARIOUS THERMOELECTRIC MATERIALS
FIELD OF INVENTION	COMPUTER SCIENCE
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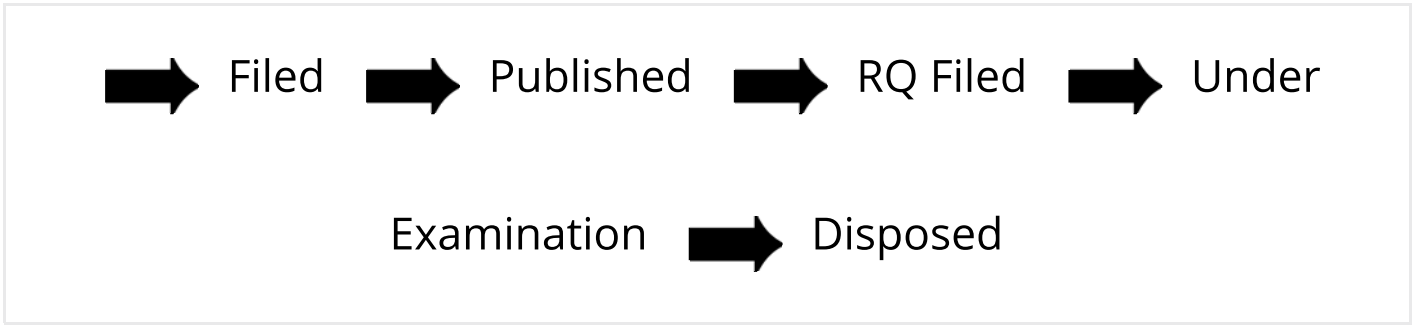

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