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Patent Search

Invention Title	A COMPUTER VISION AND ARTIFICIAL INTELLIGENCE BASED IMAGE PATTERN RECOGNITION SYSTEM AND METHOD TH
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Abstract:

The present invention discloses a computer vision and Artificial Intelligence based Image pattern recognition system and method thereof. In the pres interface by repeatedly applying an initial pattern recognition and registration model to a variety of training pictures, one may train the model, which poses, and matching regions. A method for acquiring a collection of images and the associated image identification data for turning the collection of information and further, identifying the most distinctive features of the image information; and fourth, a method for conducting an in-class to out-of convolutional neural network (CNN) to classify the level of damage for the item in the picture through an iterative process, selecting a candidate arch parameters for the convolutional neural network (CNN), constructing a training set from photos of damaged objects. Accompanied Drawing [FIGS. 1-

Complete Specification

Description:[001] The present invention relates to the field of the image pattern recognition systems, techniques, methods and apparatus. The inve relates to a Computer Vision and Artificial Intelligence based Image pattern recognition system and method thereof.

BACKGROUND OF THE INVENTION

[002] The following description provides the information that may be useful in understanding the present invention. It is not an admission that any provided herein is prior art or relevant to the presently claimed invention, or that any publication specifically or implicitly referenced is prior art.

[003] Further, the approaches described in this section are approaches that could be pursued, but not necessarily approaches that have been prev pursued. Therefore, unless otherwise indicated, it should not be assumed that any of the approaches described in this section qualify as prior art r inclusion in this section.

[004] Information sets are defined here as groups of information items. Information elements that can be distinguished from others in an informat distinct or distinguishable information elements. The characteristics that distinguish the elements of such a set must be invariant for each unique e communicable to the automatic data processing equipment in order to use automatic data processing techniques to determine whether an eleme is similar to or identical to another element of such a set. In most cases, the solution to this challenge involves characterising the defining traits of t then sorting or evaluating the results based on those traits.

[005] Accordingly, on the basis of aforesaid facts, there remains a need in the prior art to provide a Computer Vision and Artificial Intelligence base recognition system and method thereof. The proposed system overcomes the problem of conventional and complex techniques, and which have t

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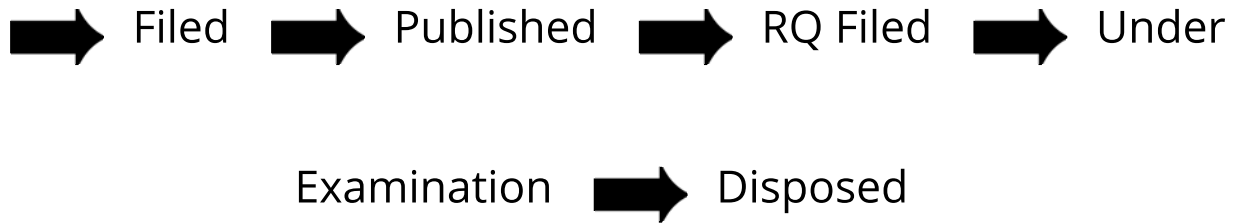PROPERTY INDIA
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➡️ Filed ➡️ Published ➡️ RQ Filed ➡️ Under

Examination ➡️ Disposed

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