

Systems, Methods and Apparatus for Verification of Knowledge-Based Systems

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DESCRIPTION

This invention is a knowledge-based system validating medium. The medium has set of instructions for receiving rules of a knowledge-based system i.e. reduced operations by optimizing tasks and technology (ROBOTT) system. The rules of the knowledge-based system are translated to a formal specification without the use of an automated logic engine e.g. automated deduction engine. The formal specification is analyzed, where analyzing includes detecting and identifying errors in the formal specification. Mathematical logic is applied to the formal specification in order to identify a presence or absence of mathematical properties of the formal specification.

FEATURES AND BENEFITS

- The medium enables changes and validation through the entire system without human intervention, thus enabling cost effectiveness.

APPLICATIONS

- Medicine
- Heavy Industry
- Finance
- Transportation
- Telecommunications

FOR MORE INFORMATION

If you are interested in more information or want to pursue transfer of this technology, GSC-14942-1, please contact:

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