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INFORMATION SYSTEM FOR SIMULATION AND ASSESSMENT OF RESCUERS INTERVENTIONS IN TOXIC, EXPLOSIVE AND FLAMMABLE ENVIRONMENTS

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Abstract

Information (IT) systems can be defined as being computer programs that make use of the experience and knowledge of experts in order to solve complex problems in a restricted field and they are based on the research results of the artificial intelligence in the fields of knowledge representation, inference methods and natural languages.

The evaluation systems represent an essential component part of artificial intelligence that covers the expert knowledge for a specific domain; subsequently, this knowledge shall be dynamically capitalized by a reasoning mechanism.

The IT application is achieved according to a linear diagram and it presents graphically the logical processing sequence, combining in a vertical order the types of structures of the algorithm.

Key words: human expert, informatic system, intervention and rescue personnel

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