

Title (en)
PROCESSOR FOR SITUATIONAL ANALYSIS

Title (de)
PROZESSOR FÜR SITUATIONSANALYSE

Title (fr)
PROCESSEUR D'ANALYSE SITUATIONNELLE

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Application
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Abstract (en)
[origin: WO2012007489A1] The present invention relates to a data-processing device, characterized in that it includes, in combination: a memory (10) which is organized into two spaces, one containing attributes describing the stored data, and the other containing connectivity links among the stored data, and which is organized according to one or more dimensions respectively associated with attributes and divided into one or more hierarchized segments, the data being informed by creating, deleting, or modifying attribute values characterizing said segments; a means (11) for integrating one or more incoming information streams, which analyzes said streams in order to determine the data constituting same and to structure said data and the attributes thereof according to the organization of said memory (10); an inference engine (14) implementing, in parallel or in series, inference rules (141) grouped together in libraries (15), said rules (141) being programmed to regenerate a sequence including at least one segment of the memory, by creating, deleting, or modifying at least one datum and/or at least one attribute value and/or at least one connectivity link during the implementation thereof in the at least one space of the memory; a means (13) for allocating resources activating or deactivating the inference rules (141) on the basis of a priority rule; a means (12) for extracting data, which are identified by programming and/or by at least one selected attribute value and/or at least one selected connectivity link, and/or which are located in one or more selected segments of the memory (10), and providing same in one or more outgoing information streams. The present invention also relates to an information-processing system and to an associated computer program product.

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