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(54) **METHOD AND RELATIVE IMPLEMENTATION THROUGH AN ELECTRONIC DEVICE FOR THE ANALYSIS OF THE FLOW OF DATA PRESENT WITHIN AN IOT SYSTEM FOR A PRECISE DOMAIN OF INTEREST FOR PROBABILISTIC EVENT IDENTIFICATION**

(57) A method (1) implemented by electronic computer for analysing data traffic within a computer network of an IoT system in a precise domain of interest, in order to identify the occurrence of one or more events in that domain. The method envisages acquiring a plurality of data packages (6) of the data traffic coming from the computer network, calculating the mean square value (RMS) of each of the acquired parameters, comparing the calculated mean square values (RMS) so as to identify the most probable scenario, placing the mean square values (RMS) as input to a Bayesian network (9) pre-constituted and suitably trained by means of the values relative to the parameters of the specific scenario identified, where this Bayesian network (9) provides as output a probability index of the occurrence of an event.

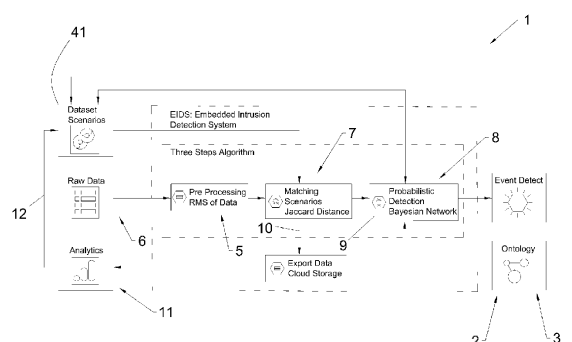


Fig. 1