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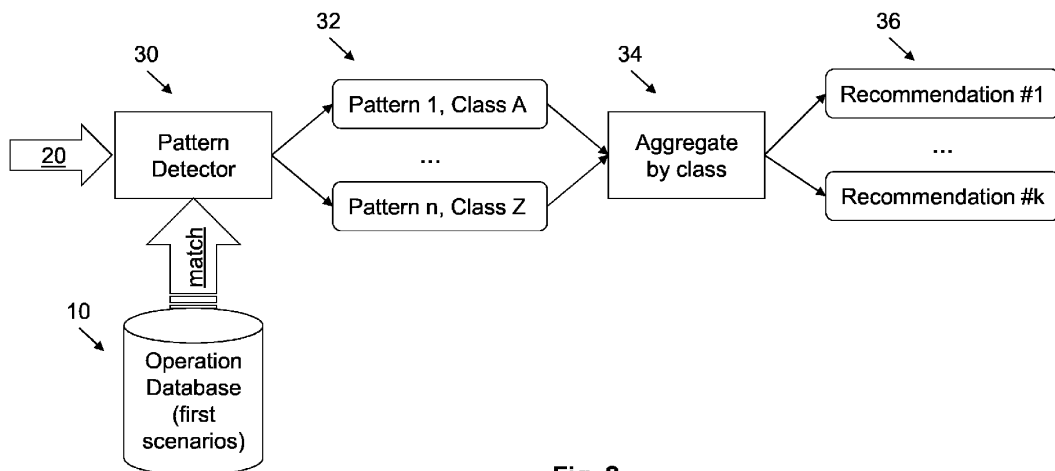


Fig. 2

(57) Abstract: The invention relates to the field of evaluating an energy efficiency, particularly for industrial or commercial sites. A method for evaluating an energy efficiency of a second energy consumption scenario (20) of a site comprises the steps of: obtaining a first energy consumption scenario (10), which comprises a first time-series of energy consumption data (14) of at least one device, and a quality measure (18) of the first energy consumption scenario (10); obtaining the second energy consumption scenario (20), which comprises a second time-series of energy consumption data (24), wherein the second energy consumption scenario (20) has a same or a shorter duration than the first energy consumption scenario (10); comparing the second time-series of energy consumption data (24) to the first time-series of energy consumption data (14); and if the second time-series of energy consumption data (24) is similar to the first time-series of energy consumption data (14), outputting the quality measure (18) of the first energy consumption scenario (10).

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