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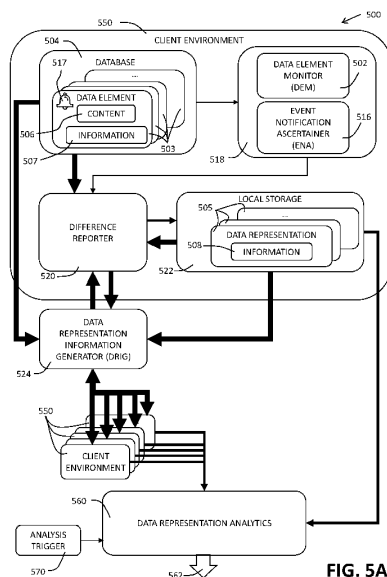
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(54) Title: SYSTEMS AND METHODS FOR DATA MONITORING



(57) Abstract: A system for monitoring data elements, including a data element monitor (DEM), monitoring a multiplicity of data elements, some of which having associated therewith a data representation, each of the multiplicity of data elements including data element content and data element information, and each of the data representations including data representation information corresponding to at least a subset of the data element information, an event notification ascertainer (ENA), ascertaining which of the multiplicity of the data elements being monitored has an event notification associated therewith and a difference reporter, reporting a difference between the data representation information in a data representation associated with one of the multiplicity of data elements being monitored, which has an event notification associated therewith, and corresponding data element information of that one of the multiplicity of the data elements being monitored which has an event notification associated therewith.

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