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(54) Title: CONTROLLING TECHNICAL EQUIPMENT THROUGH QUALITY INDICATORS USING PARAMETERIZED BATCH-RUN MONITORING

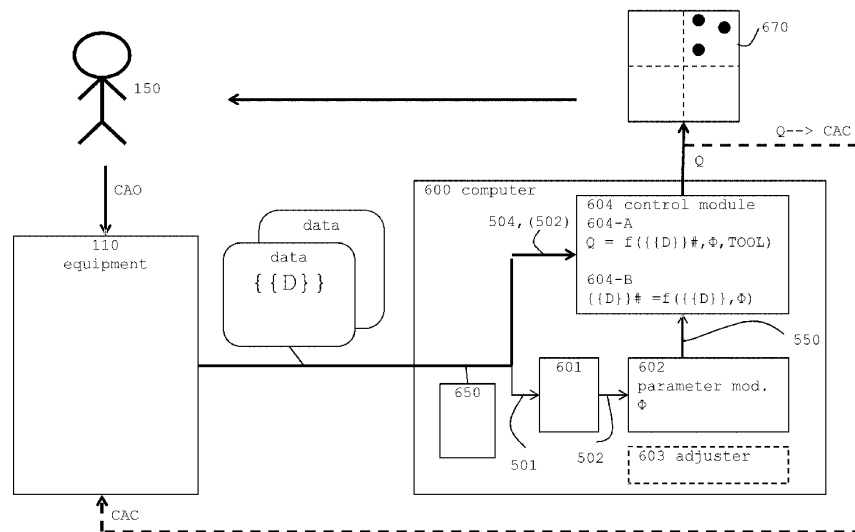


FIG. 1

(57) Abstract: A control module (604) is adapted to control technical equipment (110) by processing batch-run data (504) from the technical equipment (110). The control module operates according to 5 parameters (550) that are obtained by a parameter module (602). The module (602) receives a reference plurality (502) of multi-variate reference time-series with data values from sources that are related to the equipment (110). There are time-series with measurement values and time-series with data that describes particular manufacturing operations during a batch-run time interval. The module (602) splits the time interval into phases by determining transitions 10 between the particular manufacturing operations, and divides the time-series into particular phase-specific partial series. For each phase separately, and for the phase-specific partial series in combination, the module differentiates phase-specific time-series into relevant partial time-series or non-relevant partial time-series and set the parameters (550) accordingly.

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