AUTOMATED THROUGHPUT CONTROL SYSTEM AND METHOD OF OPERATING THE SAME

ABSTRACT

An automated throughput control system (100) and method is provided. By gathering tool specific information of a plurality of process tools (110, 120, 130) on entity level, appropriate throughput related performance characteristics (C) may be calculated with high statistical significance during moderately short time intervals. Moreover, the performance characteristics (C) obtained from tool information may be compared to reference data, for instance provided by dynamic simulation calculations, to identify high, as well as low, performing equipment on the basis of standard process control mechanisms.

Figure 1a.