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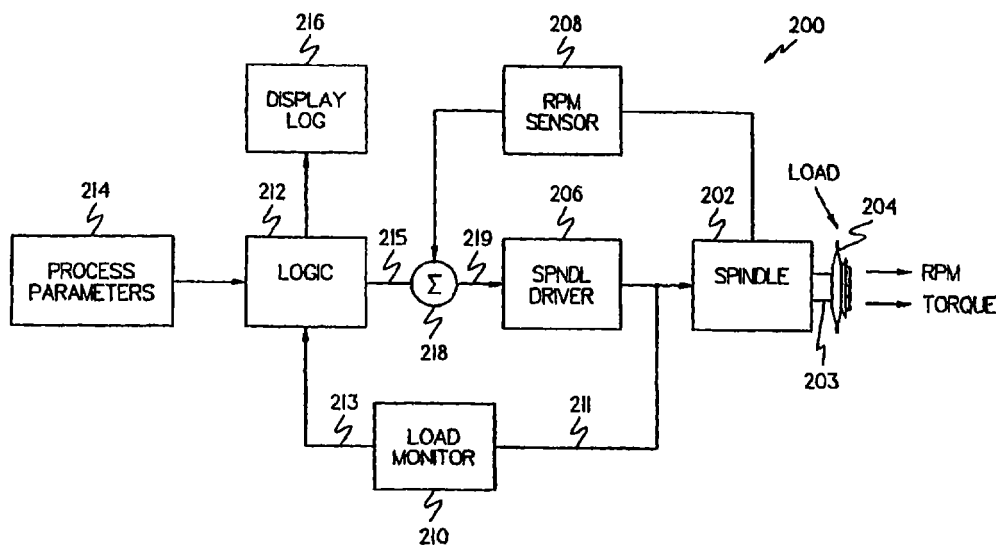
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(54) Title: **MONITORING SYSTEM FOR DICING SAWS**



(57) Abstract: A method and apparatus for accumulating dicing data for process analysis, monitoring process stability and cut quality in a substrate. The apparatus has a sensor for determining a speed of a blade of the dicing saw. A monitor determines a load placed on the blade by the substrate, where the monitor measures at least one of a feedback control current and a feedback control voltage output from the dicing saw. A controller is coupled to the monitor in order to control the spindle driver responsive to the load induced on the blade by the substrate.

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