

(54) Title of the invention : Innovative system of flexible production line manufacturing method

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(57) Abstract :
[05] The present invention provides a production control system and method for a flexible production line. The system includes a product specification and a process control module, an operation plan control module, an operation plan execution module and a SCADA module of a data acquisition, monitoring and control system, including: equipment acquisition and monitoring submodules. The module collects information about the status and faults of production equipment, and the scheduling sub-module schedules tasks between the WMS warehouse management system and the farm management system based on the information about the status and faults of production equipment; the WIP tracking sub-module is used to collect information about the manufacturing process of a product. RFID Signal RFID records part status information at each work step to control the part in the flexible production line production process. The invention can realize the information and digital process control of products with flexible production lines, make the details of workshop production section more transparent, improve the degree of downsizing and the degree of standardization of the production mode, and increase the capacity of production and execution efficiency. Accompanied Drawing [FIG. 1] [FIG. 2]

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