

Title (en)

OPERATION OF A PRODUCTION INSTALLATION FOR ELECTRONIC MODULES

Title (de)

BETRIEB EINER FERTIGUNGSANLAGE FÜR ELEKTRONISCHE BAUGRUPPEN

Title (fr)

FONCTIONNEMENT D'UNE INSTALLATION DE FABRICATION DE BLOCS ÉLECTRONIQUES

Publication

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Application

EP 07728003 A 20070412

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Abstract (en)

[origin: WO2007131843A1] The invention relates to the operation of a production installation (451) for electronic modules, during which magazine receiving devices (220) are fitted with component magazines (111, 113, 115) and a corresponding fitting control is carried out directly after the component magazines (111, 113, 115) have been removed from storage containers. A reading appliance (231) coupled to a central data processing system (232) is used during the fitting control process. The data processing system (232) is connected to individual automatic equipping mechanisms (450) and thus enables complete control over the entire stock and production process. In this way, magazine receiving devices (220) are fitted with magazines near the beginning of the process for equipping printed circuit boards. The removal of partially used component magazines (611, 613, 615) is carried out in a similar manner, the corresponding component magazines (611, 613, 615) being directly transferred from the corresponding magazine receiving device (520) into a storage container (610, 612, 614). The respectively stored component magazines (611, 613, 615) are classed precisely in terms of the stored type of component and the quantity of components. Corresponding information is automatically transferred to the data processing system (532). In this way, a precise overview of the current stock is ensured at any time.

IPC 8 full level

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