

Title (en)

MEASURE DATA ACQUISITION METHOD FOR A PLURALITY OF MEASURE POINTS

Publication

EP 0158192 A3 19861022 (DE)

Application

EP 85103374 A 19850322

Priority

- DE 3412115 A 19840331
- DE 3420163 A 19840530
- DE 3430223 A 19840817
- DE 3507178 A 19850301

Abstract (en)

[origin: US4720806A] A method and apparatus to centrally collect measured values of a variable parameter from each of a plurality of work stations, and so as to facilitate quality control. Each work stations includes a sensor for generating an output signal which is a function of the variable parameter, and the output signal is converted to digital signals, which represent discrete increments within the measuring range of the variable parameter. The digital signals are stored during a predetermined period of time in a memory unit so as to be available for periodic scanning by the central computer, after which the stored signals are cleared so that the memory unit is free to record the values during the next period of time. Also, circuitry is provided whereby only the extreme values of the output signals are stored, together with the mean value, which are adequate to provide a complete statement of the quality of the process and product being monitored.

IPC 1-7

G06F 15/74

IPC 8 full level

B65H 63/00 (2006.01); **G06F 17/40** (2006.01)

CPC (source: EP US)

B65H 63/00 (2013.01 - EP US); **B65H 2701/31** (2013.01 - EP US)

Citation (search report)

- [A] DE 3142468 A1 19820624 - GUEGLER HANS
- [A] DE 2622793 A1 19771208 - MAD AUS & CO DR
- [AD] DE 3233247 A1 19840308 - LICENTIA GMBH [DE]
- [A] DE 1808678 A1 19691016 - SIEMENS AG

Designated contracting state (EPC)

CH DE FR GB IT LI

DOCDB simple family (publication)

EP 0158192 A2 19851016; EP 0158192 A3 19861022; EP 0158192 B1 19910605; DE 3583057 D1 19910711; US 4720806 A 19880119

DOCDB simple family (application)

EP 85103374 A 19850322; DE 3583057 T 19850322; US 71766785 A 19850329