

Title (en)

WEIGHING SYSTEM WHICH IS APPROPRIATE FOR VERIFICATION AND METHOD FOR DETERMINING MEASURING VALUE DATA WHICH MUST BE APPROPRIATE FOR VERIFICATION

Title (de)

EICHFÄHIGES WÄGESYSTEM UND VERFAHREN ZUR ERMITTLUNG EICHPFLICHTIGER MESSWERTDATEN

Title (fr)

SYSTEME DE PESEE ETALONNABLE ET PROCEDE DE DETECTION DE DONNEES DE VALEURS MESUREES DEVANT ETRE ETALONNEES

Publication

EP 1311810 A1 20030521 (DE)

Application

EP 01962952 A 20010817

Priority

- DE 10041251 A 20000823
- EP 0109527 W 20010817

Abstract (en)

[origin: WO0216891A1] The invention comprises a balance (1) consisting of at least one digital weighing cell (2, 3, 4, 5) and an associated evaluation device connected. The digital weighing cell (2, 3, 4, 5) is provided with memory elements (12, 13, 14, 15) in which the weighing cell parameters and the system parameters of the balance (1) or code numbers formed therefrom are stored in a unmanipulatable with respect to methods known per se such as audit trail counters, for example. The evaluation device is embodied as a program-controlled data processing device (7) and is directly connected to the balance (1) or weighing cells (2, 3, 4, 5) provided therein. The measuring data of the digital weighing cells (2,3,4,5) which is appropriate and/or inappropriate for verification is read out by the program-controlled data processing device (7) during each weighing process (7), in addition to the stored weighing cell parameters and system parameters of the balance (1) or the codes formed therefrom, and compared with the system parameters or codes formed therefrom which were fed into the program-controlled data processing device (7). If a deviation is ascertained, the weighing process is terminated or at least the measuring data which is appropriate for verification is displayed with the established deviation, documented, signalled and/or archived

IPC 1-7

G01G 23/01

IPC 8 full level

G01G 23/01 (2006.01)

CPC (source: EP US)

G01G 23/017 (2013.01 - EP US)

Citation (search report)

See references of WO 0216891A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

WO 0216891 A1 20020228; DE 10041251 A1 20020307; DE 10041251 B4 20100311; EP 1311810 A1 20030521; US 2004050593 A1 20040318

DOCDB simple family (application)

EP 0109527 W 20010817; DE 10041251 A 20000823; EP 01962952 A 20010817; US 36227603 A 20030220