

Title (en)

Method for manipulation-proof control of print data and internal interface circuit for franking machines

Title (de)

Verfahren zur manipulationssicheren Druckdatensteuerung und frankiermaschineninterne Schnittstellenschaltung

Title (fr)

Procédé de commande protégé contre la manipulation des données d'impression et circuit d'interface interne pour machines d'affranchissement

Publication

**EP 1154382 B1 20060816 (DE)**

Application

**EP 01250293 A 19951207**

Priority

- DE 4445053 A 19941207
- EP 95250302 A 19951207

Abstract (en)

[origin: EP0716398A2] The interface circuit has transmission and reception registers for holding parallel transmitted data and a shift register for series/parallel and parallel/series data conversion of the transmitted data within an actuator/sensor control. Sensors (251, 252) and actuators (12, 26) within the base are coupled to a base register (28) connected to the meter, with sensor signals transferred in a shift register of the actuator/sensor control. A sensor status register group is supplied with the parallel data relating to the sensor signals of at least one sensor, with detection of any modification of the received bits of the sensor signal to provide an interrupt signal.

IPC 8 full level

**G07B 17/00** (2006.01); **G07B 17/02** (2006.01)

CPC (source: EP US)

**G07B 17/00193** (2013.01 - EP US); **G07B 17/00314** (2013.01 - EP US); **G07B 2017/00258** (2013.01 - EP US);  
**G07B 2017/00322** (2013.01 - EP US); **G07B 2017/00532** (2013.01 - EP US)

Citation (examination)

GB 2052813 A 19810128 - MICRONOLOGY LTD

Cited by

EP1361487A3; DE10250820A1; US6847180B2; US6739245B2; US6776544B2; US6733194B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

**EP 0716398 A2 19960612; EP 0716398 A3 19980708; EP 0716398 B1 20020306**; DE 4445053 A1 19960613; DE 4445053 C2 20030410;  
DE 59510090 D1 20020411; DE 59511062 D1 20060928; EP 1154382 A2 20011114; EP 1154382 A3 20020206; EP 1154382 B1 20060816;  
US 5710721 A 19980120

DOCDB simple family (application)

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US 56801995 A 19951206