

Title (en)

Electronic cash register system incorporating local goods data storage.

Title (de)

Registrierkassensystem enthaltend einen Datenspeicher für Ortsgüter.

Title (fr)

Système de caisse enregistreuse incorporant une mémoire de données de produits locaux.

Publication

EP 0176072 A2 19860402 (EN)

Application

EP 85112049 A 19850924

Priority

JP 20004984 A 19840925

Abstract (en)

This electronic cash register system includes a means for storing a master file having reference data for the entirety of a set of items of goods, a transfer means, and a plurality of electronic cash registers. Each of the registers includes a means for storing a sub file having reference data for a subset of the set of items of goods, and a means for consulting the sub file for reference data for a particular item of goods which is to be dealt with and for, if and only if the sub file does not hold the reference data, obtaining the reference data from the master file via the transfer means. The system further includes a means for, according to data of goods dealt with, determining a subset of the set of items of goods the members of which are often dealt with, and a means for updating the sub files kept at the electronic cash registers according to the thus determined subset. Thereby the dealing with items of goods can mostly be accomplished locally. Accordingly, this system can increase the speed of transaction processing, and the capacity of each local sub file storage means can be much smaller than the capacity of the master file storing means. If the master file has become inoperative, effective transaction processing can still be provided for most transactions. And, since the sub files are updated by the updating means, the data therein may be kept current.

IPC 1-7

G06F 15/22

IPC 8 full level

G06Q 30/00 (2006.01); **G07G 1/00** (2006.01); **G07G 1/12** (2006.01); **G07G 1/14** (2006.01)

CPC (source: EP)

G06Q 30/04 (2013.01); **G07G 1/12** (2013.01); **G07G 1/145** (2013.01)

Cited by

GB2343764A; EP0195371A3; EP3358540A1; EP0527423A3; EP0261650A3; EP0276815A3; US5491473A; US4891503A; EP0566441A1; FR2689715A1; US5475742A; EP0276816A3; US4879649A; US6845363B1; WO0014691A1

Designated contracting state (EPC)

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