

Title (en)

PORTABLE DATA DEVICE AND METHOD OF SWITCHING BETWEEN A POWER AND DATA MODE OF OPERATION

Title (de)

TRAGBARER DATENTRÄGER UND VERFAHREN ZUR UMSCHALTUNG ZWISCHEN LEISTUNGS- UND DATENBETRIEBSART

Title (fr)

DISPOSITIF PORTABLE DE STOCKAGE DE DONNEES ET PROCEDE DE COMMUTATION ENTRE UN MODE DE FONCTIONNEMENT ALIMENTATION ET UN MODE DE FONCTIONNEMENT DONNEES

Publication

EP 1163630 A4 20020731 (EN)

Application

EP 98960458 A 19981124

Priority

- US 9825134 W 19981124
- US 1239298 A 19980123

Abstract (en)

[origin: WO9938114A1] A portable data device (102) employs a single coil (106) for receiving both power and data from a terminal (101) and includes a power rectifier (205) and an ASK data receiver (215). A shunt regulator circuit (211) is coupled between the power rectifier (205) and the ASK data receiver (215) and is used to control a mode selector (203). The mode selector (203) is used for switching between a power extraction mode of operation and a data exchange mode of operation.

IPC 1-7

G06K 19/06; **G06K 15/00**; **G06K 15/02**; **G06F 17/60**; **G05F 1/10**; **G05F 1/613**; **G06K 19/07**

IPC 8 full level

G06K 7/00 (2006.01); **G06K 19/07** (2006.01)

CPC (source: EP)

G06K 7/0008 (2013.01); **G06K 19/0701** (2013.01); **G06K 19/0723** (2013.01)

Citation (search report)

- No further relevant documents disclosed
- See references of WO 9938114A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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