

Title (en)

BI-DIRECTIONAL ENERGY AND DATA TRANSFERRING DEVICE BETWEEN TWO CIRCUITS WITHOUT ELECTRICAL CONNECTION

Title (de)

BIDIREKTIONALE ANORDNUNG ZUM ÜBERTRAGEN VON ENERGIE UND DATEN ZWISCHEN ZWEI SCHALTUNGEN OHNE ELEKTRISCHE VERBINDUNG

Title (fr)

DISPOSITIF BIDIRECTIONNEL DE TRANSFERT D'ENERGIE ET DE DONNEES ENTRE DEUX CIRCUITS SANS CONNEXION ELECTRIQUE

Publication

**EP 1064445 A1 20010103 (FR)**

Application

**EP 99909030 A 19990317**

Priority

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- FR 9803262 A 19980317

Abstract (en)

[origin: FR2776412A1] Electronic locking system, where both the reader device and key have energy and data transfer means available, so that if power supply fails to the reader device, power may be drawn from the key device and the lock will still operate.- DETAILED DESCRIPTION - Bi-directional energy and data transfer between two circuits (100,200), where each circuit comprises an oscillator (110,210), a microcontroller (120,220) for generating a binary signal, a logic circuit (130,230) for supplying a transfer signal by superposing two alternating and binary signals; an interface circuit (140,240) for transmitting said transfer signal from one circuit and the receiving the transfer signal transmitted by the other circuit and one of the 2 circuits provides a direct power source to the interface circuit

IPC 1-7

**E05B 49/00**; **G07C 9/00**; **G06K 7/08**

IPC 8 full level

**G06K 7/08** (2006.01); **G07C 9/00** (2006.01)

CPC (source: EP)

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