

Title (en)

PORTABLE OBJECT SUCH AS A CARD WITH MICROCIRCUIT COMPRISING MEANS FOR MONITORING COMMANDS APPLIED THERETO

Title (de)

TRAGBARES CHIPKARTENGERÄT MIT MITTELN ZUR ÜBERWACHUNG DER IHM ÜBERTRAGENEN STEUERSIGNALE

Title (fr)

OBJET PORTATIF DE TYPE CARTE A MICROCIRCUIT COMPRENANT DES MOYENS DE SUPERVISION DES COMMANDES QUI LUI SONT APPLIQUEES

Publication

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Application

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Priority

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Abstract (en)

[origin: FR2775090A1] The invention concerns a portable object (10) comprising an interface receiving signals (VCC; CLK; RST) representing commands applied to the microcircuit (10) and signal (I/O) representing data to be processed by said microcircuit. Means (16, 26, 22) monitor for a given time interval the external application of at least one of said commands, said means being capable of detecting an abnormally repeated application of said command relative to a predetermined criterion and of selectively inhibiting, on the basis of said detection, the processing of the received data by the microcircuit. The monitored command can be the reset (RST) signal and/or the clock signal (CLK), and the given time interval, the interval between consecutive switching on and switching out of the portable object, the monitoring means (16, 26) operating by counting successive applications of the command, the predetermined criterion being the overshooting of the count value.

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IPC 8 full level

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