

Title (en)

METHODS AND DEVICES FOR PROTECTING AN ARTICLE AGAINST THEFT

Title (de)

VERFAHREN UND VORRICHTUNGEN ZUR SICHERUNG EINER WARE GEGEN DIEBSTAHL

Title (fr)

PROCEDES ET DISPOSITIFS POUR PROTEGER UN ARTICLE CONTRE LE VOL

Publication

EP 1586081 B1 20060906 (DE)

Application

EP 04703373 A 20040120

Priority

- EP 2004000386 W 20040120
- DE 10302537 A 20030123

Abstract (en)

[origin: WO2004066235A1] The invention relates to methods and devices for protecting an article against theft. Once a protection element is in the on-position (100), a selection signal is transmitted from an emitter to a receiver provided in the protection element, in order to associate the protection element with the emitter and to shift said protection element into a connection mode (110). The receiver is then deactivated (111) in the connection mode (110). The deactivation (111) of the receiver reduces the energy consumption of the protection element, and prevents the protection element from unintentionally receiving other selection signals. Once the protection element has been shifted (112) into an alarm state (120), for example, due to an attempted theft, the receiver thereof is reactivated, in order to reauthorise the reception of a selection signal. The alarm state (120) can be terminated (123) by one such selection signal.

IPC 8 full level

G08B 13/14 (2006.01)

CPC (source: EP US)

G08B 13/1445 (2013.01 - EP US); G08B 13/149 (2013.01 - EP US)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2004066235 A1 20040805; AT E338996 T1 20060915; CA 2510991 A1 20040723; DE 10302537 A1 20040805;
DE 502004001410 D1 20061019; EP 1586081 A1 20051019; EP 1586081 B1 20060906; ES 2273206 T3 20070501;
US 2007001845 A1 20070104; US 2009219155 A1 20090903; US 7589632 B2 20090915; US 8026812 B2 20110927

DOCDB simple family (application)

EP 2004000386 W 20040120; AT 04703373 T 20040120; CA 2510991 A 20040120; DE 10302537 A 20030123; DE 502004001410 T 20040120;
EP 04703373 A 20040120; ES 04703373 T 20040120; US 45336909 A 20090508; US 54308804 A 20040120