

Title (en)  
METHOD FOR COMPLICATING THE THEFT OF SHOPPING TROLLEYS

Title (de)  
VERFAHREN ZUM ERSCHWEREN DES DIEBSTAHLES VON EINKAUFSWAGEN

Title (fr)  
PROCEDE POUR RENDRE DIFFICILE LE VOL DE CHARIOTS DE SUPERMARCHÉ

Publication  
**EP 1792286 B1 20080528 (DE)**

Application  
**EP 05768083 A 20050713**

Priority  
• DE 2005001236 W 20050713  
• DE 102004045842 A 20040920

Abstract (en)  
[origin: US2008122619A1] A method for complicating the theft of shopping trolleys ( 11 ) which are made available to customers in self-service stores ( 1 ). Every shopping trolley ( 11 ) is provided with a transponder ( 12 ) having the same identification key. At least one monitoring device ( 14 ) corresponding with the transponders ( 120 of the shopping trolleys ( 11 ) is provided in at least one suitable position of an exterior area ( 2 ) pertaining to the self-service store ( 1 ), for example a customer car park ( 4 ). When the shopping trolley ( 11 ) passes the monitoring device ( 14 ), the monitoring device ( 14 ) changes the identification key of the transponder ( 12 ) of said shopping trolley ( 11 ) to a new identification key. When a shopping trolley ( 11 ) having a changed identification key passes a predetermined position ( 10 ) inside the self-service store ( 1 ), a check device ( 13 ) associated with the predetermined position ( 10 ) changes the changed identification key back to its original identification key, and the change-back process effected by the check device ( 13 ) triggers a signal.

IPC 8 full level  
**G08B 13/24** (2006.01); **G07F 7/06** (2006.01); **G08B 13/14** (2006.01)

CPC (source: EP US)  
**G07F 7/0636** (2013.01 - EP US); **G08B 13/1427** (2013.01 - EP US); **G08B 13/2457** (2013.01 - EP US); **G08B 13/246** (2013.01 - EP US); **G08B 13/2462** (2013.01 - EP US); **G08B 21/0225** (2013.01 - EP US)

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**US 2008122619 A1 20080529**; AT E397260 T1 20080615; AU 2005287764 A1 20060330; CN 101023454 A 20070822; DE 102004045842 A1 20060323; DE 112005002935 A5 20070830; DE 502005004304 D1 20080710; EP 1792286 A1 20070606; EP 1792286 B1 20080528; WO 2006032224 A1 20060330

DOCDB simple family (application)  
**US 57551605 A 20050713**; AT 05768083 T 20050713; AU 2005287764 A 20050713; CN 200580031489 A 20050713; DE 102004045842 A 20040920; DE 112005002935 T 20050713; DE 2005001236 W 20050713; DE 502005004304 T 20050713; EP 05768083 A 20050713