

Title (en)

Locking system with electromagnetic deactivation of a handle for doors of trucks, trailers or the like

Title (de)

Verriegelungseinrichtung mit elektromagnetischer Deaktivierung eines Türgriffs für Lastwagen, Anhänger oder dergleichen

Title (fr)

Système de verrouillage avec désactivation électromagnétique d'une poignée de porte de camion, remorque ou similaire

Publication

EP 1167664 A1 20020102 (EN)

Application

EP 01112955 A 20010606

Priority

IT BO20000091 U 20000627

Abstract (en)

A locking system (1) with electromagnetic deactivation of a handle (2) for doors of trucks, trailers or the like, comprising a fixed box-like element where to the end of a handle (2) is articulated about an axis which is parallel and proximate to the door; the handle (2) is associated with a latch-type closure lug (8) which is mounted so that it can slide parallel to the door, and the locking system (1) comprises at least one plate (12a,12b) which is rigidly coupled to the handle (2), passes through a slot of the bottom of the box-like element and has an end crossed by a notch (14) for the passage of a sliding locking member (15a,15b) connected to an electromagnet (20) which is mounted behind the bottom of the box-like element and is provided with actuation means which are adapted to be activated by a remote control.

IPC 1-7

E05B 65/14; **E05B 47/06**

IPC 8 full level

E05B 47/06 (2006.01); **E05B 65/14** (2006.01)

IPC 8 main group level

B60R (2006.01); **E05B** (2006.01)

CPC (source: EP)

E05B 13/002 (2013.01); **E05B 47/026** (2013.01); **E05B 5/00** (2013.01); **E05B 47/0002** (2013.01); **E05B 83/12** (2013.01); **E05B 2047/0094** (2013.01)

Citation (search report)

- [A] EP 0839977 A2 19980506 - PASTORE & LOMBARDI SRL [IT]
- [A] US 4321812 A 19820330 - PELCIN ALBERT L
- [A] US 4309884 A 19820112 - DAVIS EDWIN W
- [A] US 5755126 A 19980526 - LANIGAN WILLIAM P [US], et al

Cited by

CN102606013A; EP4257781A1; FR3134407A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

EP 1167664 A1 20020102; **EP 1167664 B1 20040128**; AT E258637 T1 20040215; DE 60101869 D1 20040304; DE 60101869 T2 20041216; ES 2211694 T3 20040716; IT 251129 Y1 20031104; IT BO20000091 U1 20011227; IT BO20000091 V0 20000627; NO 20013222 D0 20010627; NO 20013222 L 20011228

DOCDB simple family (application)

EP 01112955 A 20010606; AT 01112955 T 20010606; DE 60101869 T 20010606; ES 01112955 T 20010606; IT BO20000091 U 20000627; NO 20013222 A 20010627