

Title (en)

Method and devices for upgrading an existing access control system

Title (de)

Verfahren und Vorrichtungen zur Aktualisierung eines bestehenden Zugangskontrollsystems

Title (fr)

Procédé et dispositifs permettant l'amélioration d'un système de commande d'accès existant

Publication

**EP 3062294 A1 20160831 (EN)**

Application

**EP 15156996 A 20150227**

Priority

EP 15156996 A 20150227

Abstract (en)

Method for upgrading an existing access control system. The existing access control system comprises at least one access point which is controlled by a reader unit (1) for reading authorization information from a portable token (6) and a corresponding unlocking device (3), the reader unit (1) is in wired connection via at least one 1st control line (4) communicatively connected to an access controller (2), and said access controller (2) is in wired connection via at least one 2nd control line (5) communicatively connected to said unlocking device (3). The said access controller (2) controls the locking state of said unlocking device (3) via said 2nd control line (5) by verifying identification information transmitted via 1st control line (4) from said reader unit (1). The upgrading method comprises the steps of interposing into the at least one 1st control line (4) an interception unit (9), said interception unit (9) adapted to and allowing for receiving and, if needed after temporarily withholding said identification information from said reader unit (1), only transmitting it to the access control unit (2) once said interception unit (9) has verified permission to access independently via a 2nd communication with a holder of said token (6).

IPC 8 full level

**G07C 9/00** (2006.01)

CPC (source: EP US)

**G07C 9/27** (2020.01 - EP US)

Citation (search report)

- [X] US 2004041019 A1 20040304 - SCHNEIDER JOHN K [US], et al
- [XA] US 2003200446 A1 20031023 - SIEGEL WILLIAM G [US], et al
- [XA] EP 2738707 A1 20140604 - HID GLOBAL GMBH [DE]
- [A] US 2012280783 A1 20121108 - GERHARDT PAUL MICHAEL [US], et al
- [A] US 2003197593 A1 20031023 - SIEGEL WILLIAM G [US], et al
- [A] US 5679945 A 19971021 - RENNER G FRED [US], et al
- [A] WO 2005001777 A1 20050106 - SCM MICROSYSTEMS GMBH [DE], et al

Cited by

EP3371789A4; EP3624072A1; US11381966B2; US11222495B2; US11151816B2; US10872483B2

Designated contracting state (EPC)

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DOCDB simple family (application)

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