Title (en)

Method for credentialing mechanical keys and associated devices

Title (de)

Verfahren zur Berechtigung von mechanischen Schlüssels und dazu gehörende Vorrichtungen

Title (fr)

Procédé d'accréditation pour des clés mécaniques et des dispositifs associés

Publication

EP 2141663 A2 20100106 (EN)

Application

EP 09008393 A 20090626

Priority

SE 0801538 A 20080630

Abstract (en)

A method is presented for credentialing - that is here lending EAC (Electronic Access Control) separate identity to - mechanical cylinder lock keys. The method primarily involves that both existing mechanical encoding, "cuts", of existing to locks pertaining keys as well as already in locks installed and existing lock cylinders pertaining to such keys can remain unchanged; that the key is provided with at least one appurtenant electronic code carrier, separate or on board the key, lending the key programmed individual and transmissible electronic signature(s) or characteristic(s), viz. credential(s); and that the lock cylinder is provided with a reader device, external to this and essentially unchanged cylinder, mentioned reader device having an electronic capacity for receiving, reading and reacting to the credential(s) of a key, as well as an electromechanical capacity to either block rotation of a cylinder or preventing rotation of a cylinder to result in actuation of a lock having a mentioned cylinder unless the cylinder and the reader have received a key having for actuation of the lock approved programmed credential(s); and also that lock actuation for a special credentialed key is possible even though the cylinder of that lock doesn't rotate.

IPC 8 full level

G07C 9/00 (2006.01)

CPC (source: EP)

E05B 47/063 (2013.01); **E05B 47/0642** (2013.01); **G07C 9/00174** (2013.01); E05B 47/0004 (2013.01); E05B 2047/0084 (2013.01); G07C 9/00658 (2013.01); G07C 2009/00777 (2013.01)

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Designated contracting state (EPC)

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