

Title (en)

CLOSURE ELEMENT FOR A STORAGE AREA, LOCKING SYSTEM AND STORAGE BOX

Title (de)

VERSCHLUSSELEMENT FÜR EINEN AUFBEWAHRUNGSBEREICH, VERRIEGELUNGSSYSTEM SOWIE AUFBEWAHRUNGSBOX

Title (fr)

BOUCHON DE FERMETURE D'UNE ZONE DE RANGEMENT, SYSTÈME DE VERROUILLAGE ET BOÎTE DE RANGEMENT

Publication

EP 2702569 B1 20190116 (FR)

Application

EP 12725071 A 20120427

Priority

- FR 1153640 A 20110428
- FR 2012050950 W 20120427

Abstract (en)

[origin: WO2012146882A1] The invention relates to a closure element that is intended to co-operate with an internal cylindrical portion sharing the same axis, said element comprising a locking device that can be used to close one end of the cylinder and including at least one sensor for detecting a signal containing a signature that is delivered to an electronic recognition component, allowing the signal to be decoded and the signature to be authenticated. The locking device (40) comprises a radial securing assembly (33, 34, 35) disposed in a cavity in the body of the closure element (5), said securing assembly comprising a piston that moves in translation along a radius of the cylinder between: a first locked position in which an external end of the piston forms a protuberance at the external cylindrical surface of the body of the closure element, so as to be inserted into an internal cavity in the cylinder of the opening when the opening is closed by the closure element (5); and a second unlocked position in which the external end of the piston is located inside the cylinder of the body of the closure element.

IPC 8 full level

G07C 9/00 (2006.01); **E05B 19/00** (2006.01); **E05B 47/06** (2006.01); **E05B 63/12** (2006.01)

CPC (source: EP US)

E05B 19/0005 (2013.01 - EP); **E05B 47/0607** (2013.01 - EP); **G07C 9/00896** (2013.01 - EP); **G07C 9/21** (2020.01 - EP US); **G07C 9/27** (2020.01 - EP); **E05B 63/121** (2013.01 - EP); **E05B 2047/0095** (2013.01 - EP); **G07C 9/00309** (2013.01 - EP); **G07C 9/00571** (2013.01 - EP)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

WO 2012146882 A1 20121101; EP 2702569 A1 20140305; EP 2702569 B1 20190116; ES 2720852 T3 20190725; FR 2974591 A1 20121102; FR 2974591 B1 20140509

DOCDB simple family (application)

FR 2012050950 W 20120427; EP 12725071 A 20120427; ES 12725071 T 20120427; FR 1153640 A 20110428