

Title (en)
SECURITY SEAL WITH INCORPORATED CHIP

Title (de)
SICHERHEITSSIEGEL MIT INTEGRIERTEM CHIP

Title (fr)
SCELLEMENT DE SECURITE A PUCE INCORPOREE

Publication
EP 1768080 A1 20070328 (EN)

Application
EP 04742045 A 20040705

Priority
ES 2004000316 W 20040705

Abstract (en)
The invention concerns a flexible tie (4), terminated in a widened portion provided with a passage (12) through which the tie may be inserted, the passage comprising means for retaining the tie, arranged inside a housing, and the seal comprises a control chip (3) for verifying the identification of the seal or of the related product. It further comprises a box-shape container (3) capable of containing the chip and of receiving the chip and the housing of the retaining means and provided with means for introducing the passage of the tie (4) simultaneously through the passage (12) and the container (3). When the tie passes through the passage and the housing, the container is maintained in its operating position and when the tie is cut off, the container can be extracted for use in another seal. The chip can be recovered and reused after said seal has been broken.

IPC 8 full level
G09F 3/03 (2006.01)

CPC (source: EP)
G09F 3/037 (2013.01)

Citation (search report)
See references of WO 2006013217A1

Cited by
US11403927B2; FR2991406A1; ES2597330A1; US11244580B2; WO2009046510A3; WO2017175245A1

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

DOCDB simple family (publication)
EP 1768080 A1 20070328; WO 2006013217 A1 20060209; WO 2006013217 A9 20090115

DOCDB simple family (application)
EP 04742045 A 20040705; ES 2004000316 W 20040705