

Title (en)
MULTIPURPOSE SEAL WITH LOCK AND METHOD OF MANUFACTURING A MULTIPURPOSE SEAL

Title (de)
MEHRZWECKSIEGEL MIT EINEM SCHLOSS UND VERFAHREN ZUR HERSTELLUNG EINES MEHRZWECKSIEGELS

Title (fr)
SCELLE MULTI-USAGE A SERRURE ET PROCEDE DE FABRICATION D'UN SCELLE MULTI-USAGE

Publication
EP 1511909 A1 20050309 (FR)

Application
EP 03730200 A 20030507

Priority
• EP 03730200 A 20030507
• EP 0350150 W 20030507
• EP 02291188 A 20020513

Abstract (en)
[origin: WO03095773A1] The invention concerns a multipurpose seal with lock, comprising a mobile closure apparatus (1) consisting of a housing (2) containing a lock and a fastening element (3) designed to be locked in the housing. The lock comprises a cylinder (7) mobile in the housing between a locking position and an unlocking position. An electronic component (6) capable of being remotely queried and of storing data is maintained in a package (21) which passes through part of the housing (2) and part of the lock cylinder (7) when the latter is in locking position. Thus, any rotation of the cylinder from the locking position causes the component to break.

IPC 1-7
E05B 39/02

IPC 8 full level
A01K 11/00 (2006.01); **E05B 39/00** (2006.01); **E05B 39/02** (2006.01); **E05B 41/00** (2006.01); **E05B 67/20** (2006.01); **G09F 3/03** (2006.01)

CPC (source: EP US)
E05B 39/02 (2013.01 - EP US); **Y10T 70/459** (2015.04 - EP US); **Y10T 70/483** (2015.04 - EP US); **Y10T 70/485** (2015.04 - EP US); **Y10T 70/487** (2015.04 - EP US); **Y10T 70/491** (2015.04 - EP US); **Y10T 70/8081** (2015.04 - EP US); **Y10T 70/8108** (2015.04 - EP US)

Citation (search report)
See references of WO 03095773A1

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 PT RO SE SI SK TR

DOCDB simple family (publication)
WO 03095773 A1 20031120; AR 039998 A1 20050309; AT E496188 T1 20110215; AU 2003240836 A1 20031111; BR 0309931 A 20050209; DE 60335799 D1 20110303; DK 1511909 T3 20110314; EP 1371797 A1 20031217; EP 1511909 A1 20050309; EP 1511909 B1 20110119; EP 1511909 B9 20110309; ES 2358503 T3 20110511; JP 2005533941 A 20051110; JP 4435678 B2 20100324; NO 20045395 L 20050125; PT 1511909 E 20110318; US 2005210932 A1 20050929; US 7178369 B2 20070220

DOCDB simple family (application)
EP 0350150 W 20030507; AR P030101636 A 20030512; AT 03730200 T 20030507; AU 2003240836 A 20030507; BR 0309931 A 20030507; DE 60335799 T 20030507; DK 03730200 T 20030507; EP 02291188 A 20020513; EP 03730200 A 20030507; ES 03730200 T 20030507; JP 2004503750 A 20030507; NO 20045395 A 20041210; PT 03730200 T 20030507; US 51332505 A 20050518