

Title (en)

METHOD AND DEVICE FOR PRODUCING A SECURITY ELEMENT AND A CORRESPONDING SECURITY ELEMENT

Title (de)

VERFAHREN UND VORRICHTUNG ZUR HERSTELLUNG EINES SICHERUNGSELEMENTS SOWIE EIN ENTSPRECHENDES SICHERUNGSELEMENT

Title (fr)

PROCEDE ET DISPOSITIF DE FABRICATION D'UN ELEMENT DE PROTECTION ET ELEMENT DE PROTECTION CORRESPONDANT

Publication

EP 0966347 B1 20010725 (DE)

Application

EP 98912357 A 19980220

Priority

- DE 19710600 A 19970314
- EP 9800994 W 19980220

Abstract (en)

[origin: US6440522B1] A method of producing a security element for electronically securing an object, a device for producing the security element and the security element itself form aspects of the present invention. The security element includes a strip element embedded in sheathing. The sheathing has a melting temperature below that of the strip element. The method has associated steps and the device has associated elements for producing the security element from the strip element and sheathing. In each aspect, the ends of the strip element and sheathing are heated and the sheathing ends pulled to seal the strip element in the sheathing.

IPC 1-7

B29C 57/10; **B29C 65/18**; **G08B 13/24**; **B29C 63/18**

IPC 8 full level

B29C 57/10 (2006.01); **B29C 63/18** (2006.01); **B29C 65/18** (2006.01); **G08B 13/24** (2006.01)

CPC (source: EP US)

G08B 13/2445 (2013.01 - EP US); **Y10S 428/90** (2013.01 - EP US); **Y10S 428/928** (2013.01 - EP US); **Y10T 156/103** (2015.01 - EP US); **Y10T 428/12465** (2015.01 - EP US); **Y10T 428/23** (2015.01 - EP US); **Y10T 428/239** (2015.01 - EP US)

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB IE IT LI NL PT SE

DOCDB simple family (publication)

US 6440522 B1 20020827; AT E203451 T1 20010815; AU 6723198 A 19981012; DE 19710600 A1 19980917; DE 59801080 D1 20010830; DK 0966347 T3 20011029; EP 0966347 A1 19991229; EP 0966347 B1 20010725; ES 2161524 T3 20011201; NO 994376 D0 19990909; NO 994376 L 19990909; WO 9841382 A1 19980924

DOCDB simple family (application)

US 38060099 A 19990914; AT 98912357 T 19980220; AU 6723198 A 19980220; DE 19710600 A 19970314; DE 59801080 T 19980220; DK 98912357 T 19980220; EP 9800994 W 19980220; EP 98912357 A 19980220; ES 98912357 T 19980220; NO 994376 A 19990909