

Title (en)

Safety element with integrated authentication check

Title (de)

Sicherheitselement mit integrierter Authentizitätsprüfung

Title (fr)

Élément de sécurité doté d'un contrôle d'authenticité intégré

Publication

**EP 2353883 A1 20110810 (DE)**

Application

**EP 11000294 A 20110115**

Priority

**AT 1692010 A 20100208**

Abstract (en)

The element (1) has a two-layered laminate comprising a base layer (3) and a covering layer (2), where the element is designed in form of a thread and strip. Foils that form the laminate and/or substrate are laminated against each other at longitudinal edges (4), where an open channel (5) is formed between the edges. A safety feature is provided on the base or covering layers. A moving element (6) is provided in the channel. The feature is provided in form of characters, structures e.g. surface structures, lines, symbols, texts and forms, which are provided in form of micro-impressions.

Abstract (de)

Die Erfindung betrifft ein Sicherheitselement in Form eines Streifens oder Fadens, bestehend aus einem zweischichtigem Laminat 1 aus einer Basisschicht 3 und einer Deckschicht 2, dadurch gekennzeichnet, dass die das Laminat 1 bildenden Folien und/oder Substrate an den Längskanten 4 gegeneinander laminiert sind und zwischen diesen Längskanten ein offener Kanal 5 gebildet ist.

IPC 8 full level

**B42D 15/00** (2006.01); **B42D 15/10** (2006.01); **G07D 7/12** (2006.01); **G07D 7/20** (2006.01)

CPC (source: EP)

**B42D 25/355** (2014.10); **D21H 19/20** (2013.01); **D21H 21/16** (2013.01); **G07D 7/128** (2013.01); **G07D 7/207** (2017.04)

Citation (applicant)

**EP 1310381 A2 20030514 - HUECK FOLIEN GMBH [AT]**

Citation (search report)

- [A] US 3287839 A 19661129 - JOSEPH ROTWEIN, et al
- [A] US 3505954 A 19700414 - PROJANSKY HENRY

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**AT 509048 A4 20110615; AT 509048 B1 20110615; EP 2353883 A1 20110810; EP 2353883 B1 20121017**

DOCDB simple family (application)

**AT 1692010 A 20100208; EP 11000294 A 20110115**