

Title (en)
Security element for electronic article surveillance and production method

Title (de)
Sicherungselement für die elektronische Artikelsicherung und Verfahren zur Herstellung eines Sicherungselementes

Title (fr)
Élément pour la protection électronique d'articles et procédé de fabrication

Publication
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Application
EP 99114809 A 19990729

Priority
DE 19857583 A 19981214

Abstract (en)
[origin: US6394357B1] The present invention relates to a security element for electronic article surveillance, having one lower and one upper conducting track with at least one winding each, the two conducting tracks being wound in opposing directions and overlapping in at least one area of overlap, and a dielectric layer in the area of overlap between the two conducting tracks. In a critical area in which a border edge of the lower and upper conducting tracks overlap, the dielectric layer is thicker than in the remaining area of overlap. The present invention also relates to a method of manufacturing such a security element.

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IPC 8 full level
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CPC (source: EP US)
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Citation (search report)

- [XY] US 5291180 A 19940301 - REEB MAX-E [DE]
- [A] EP 0807912 A1 19971119 - NEDAP NV [NL]
- [Y] US 5405702 A 19950411 - PIOTROWSKI CHESTER [US], et al
- [Y] EP 0790123 A2 19970820 - JAMES RIVER CORP [US]
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US 6394357 B1 20020528; AT E249667 T1 20030915; AU 4459399 A 20000615; AU 741785 B2 20011206; DE 19857583 A1 20000615; DE 59906942 D1 20031016; DK 1017033 T3 20031229; EP 1017033 A2 20000705; EP 1017033 A3 20010411; EP 1017033 B1 20030910; ES 2207088 T3 20040516; JP 2000194964 A 20000714; JP 3964084 B2 20070822; NO 996159 D0 19991213; NO 996159 L 20000615

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