

Title (en)
SECURING ELEMENT FOR ELECTRONICALLY SECURING ARTICLES

Title (de)
SICHERUNGSELEMENT FÜR DIE ELEKTRONISCHE ARTIKELSICHERUNG

Title (fr)
ELEMENT DE SECURITE ANTIVOL POUR LA SECURITE ANTIVOL ELECTRONIQUE D'ARTICLES

Publication
EP 1224640 A1 20020724 (DE)

Application
EP 00969337 A 20000928

Priority
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• EP 0009522 W 20000928

Abstract (en)
[origin: US2006007004A1] A radio frequency security element is provided for electronic surveillance of articles of merchandise. The security element comprises a lower strip conductor (1) and an upper strip conductor (5), which are wound in opposite directions. The upper and lower strip conductors are superimposed and connected in a common contact zone. The coil turns of the two conductor strips each have an included angle of rotation less than 2pi. The security element has an improved detection rate and is particularly stable against changes in the resonance frequency.

IPC 1-7
G08B 13/24

IPC 8 full level
G08B 13/26 (2006.01); **G08B 13/24** (2006.01); **H01F 5/00** (2006.01)

CPC (source: EP US)
G08B 13/2414 (2013.01 - EP US); **G08B 13/2431** (2013.01 - EP US)

Citation (search report)
See references of WO 0131601A1

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US 2006007004 A1 20060112; US 6987453 B1 20060117; AT E246831 T1 20030815; AU 777178 B2 20041007; AU 7909500 A 20010508; DE 19951561 A1 20010503; DE 50003223 D1 20030911; DK 1224640 T3 20031124; EP 1224640 A1 20020724; EP 1224640 B1 20030806; ES 2203521 T3 20040416; JP 2003513381 A 20030408; JP 4625221 B2 20110202; NO 20021911 D0 20020423; NO 20021911 L 20020514; NZ 517425 A 20030131; WO 0131601 A1 20010503

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