

Title (en)

Elongated bodies as security label for electromagnetic theft security systems

Title (de)

Längsgestreckter Körper als Sicherungsetikett für elektromagnetische Diebstahlsicherungssysteme

Title (fr)

Corps allongés comme étiquette de sécurité pour des systèmes électromagnétiques antivol

Publication

EP 0762354 B1 20001115 (DE)

Application

EP 96113005 A 19960813

Priority

DE 19533362 A 19950909

Abstract (en)

[origin: EP0762354A1] In the heat treatment, the amorphous strip or tape is supplied from the spool (1) to the tensioning roller (2), going between the roller pair (3) connected by the line (4) with a current source (5). The strip (6) then passes into the oven (7), but is surrounded by a screening tube (8) of conducting or soft-magnetic material shielding the strip from external fields. Inside the tube there is a coil (9) connected to a voltage source (10), producing a longitudinal field on the strip. After the oven, the strip passes through a second roller pair (11) that returns current to source of maintains tension and then is wound round another spool (12) for cutting into short pieces.

IPC 1-7

G08B 13/24; **H01F 1/153**

IPC 8 full level

C22C 45/04 (2006.01); **C22F 1/00** (2006.01); **G08B 13/24** (2006.01); **H01F 1/153** (2006.01); **H01F 3/04** (2006.01); **H01F 13/00** (2006.01); **H01F 41/02** (2006.01)

CPC (source: EP US)

G08B 13/2411 (2013.01 - EP US); **G08B 13/244** (2013.01 - EP US); **G08B 13/2442** (2013.01 - EP US); **H01F 1/15333** (2013.01 - EP US); **H01F 1/15391** (2013.01 - EP US)

Cited by

US7979173B2; DE19815583A1; EP0949598A3; CN104882239A; CN107949261A; EP2021752A4; CN112008053A; US6259368B1

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