

Title (en)
DISPLAY ELEMENT FOR USE IN A MAGNETIC ANTI-THEFT SYSTEM

Title (de)
ANZEIGEELEMENT FÜR DIE VERWENDUNG IN EINEM MAGNETISCHEN DIEBSTAHLSICHERUNGSSYSTEM

Title (fr)
ELEMENT D'AFFICHAGE UTILISE DANS UN SYSTEME ANTIVOL MAGNETIQUE

Publication
EP 0939943 A1 19990908 (DE)

Application
EP 98951172 A 19980819

Priority
• DE 9802421 W 19980819
• DE 19740908 A 19970917

Abstract (en)
[origin: WO9914718A1] The invention relates to a display element for use in a magnetic anti-theft system, said element comprising an elongated alarm strip (2) consisting of an amorphous ferromagnetic alloy and at least one elongated activation strip (1d) consisting of a semi-rigid magnetic alloy and applied to the alarm strip. One or more physically separate regions consisting of a non-magnetic phase are incorporated in the activating strips (1d) by thermal treatment. The semi-rigid magnetic alloy has a coercitive force Hc of between 15 and 100 A/cm and a retentivity of at least 0,8 T. This design allows for a very easy magnetisation of the activation strip (1d) in one direction as a result of the directional homogeneity. This therefore makes it possible to work at a greater distance from the source of the external magnetic field, and to carry out a remote activation. These activation strips (1d) are easy to produce compared to activation strips which are partly segmented or are perforated.

IPC 1-7
G08B 13/24

IPC 8 full level
G08B 13/24 (2006.01)

CPC (source: EP US)
G08B 13/2408 (2013.01 - EP US); **G08B 13/244** (2013.01 - EP US); **G08B 13/2442** (2013.01 - EP US)

Citation (search report)
See references of WO 9914718A1

Designated contracting state (EPC)
DE ES FR GB

DOCDB simple family (publication)
WO 9914718 A1 19990325; DE 19740908 C1 19990805; EP 0939943 A1 19990908; JP 2001505344 A 20010417; US 6166636 A 20001226

DOCDB simple family (application)
DE 9802421 W 19980819; DE 19740908 A 19970917; EP 98951172 A 19980819; JP 51726899 A 19980819; US 30828699 A 19990517