

Title (en)

SECURITY ELEMENTS, ENCASED IN A POWDER LACQUER LAYER, USED TO SECURE GOODS AND CASTINGS OR INJECTION-MOULDED PARTS CONTAINING ELEMENTS OF THIS TYPE, FOR PROTECTION AGAINST THEFT

Title (de)

VON EINER PULVERLACKSCHICHT UMMANTELTE SICHERUNGSELEMENTE FÜR DIE WARENSICHERUNG SOWIE GUSS- ODER SPRITZTEILE, DIE ZUR DIEBSTAHSICHERUNG SOLCHE TEILE ENTHALTEN

Title (fr)

ELEMENTS DE SECURITE ENTOURES D'UNE COUCHE DE PEINTURE PULVERULENTE, S'UTILISANT DANS LA PROTECTION DE MARCHANDISES, ET PIECES MOULEES EN FONTE OU PIECES MOULEES PAR INJECTION, CONTENANT DE TELS ELEMENTS POUR ASSURER UNE PROTECTION ANTIVOL

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Application

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Abstract (en)

[origin: US2002163433A1] Security elements used to secure goods, as well as castings or injection-molded parts containing such security elements, for protection against theft are encased in a powder lacquer layer. Security elements for protecting goods contain soft magnetic and hard magnetic components. When a magnetic alternating field is applied to the soft magnetic components, they are excited in order to emit a characteristic signal. The hard magnetic components are located on the soft magnetic components in such a way that the hard magnetic components, in their magnetized state, prevent the emission of the characteristic signal of the security element. In order to protect the security elements, in particular against detachment of the soft magnetic components from the hard magnetic components, the security components are at least partially encased in a layer of powder lacquer.

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