

Title (en)

CARD OF THERMOPLASTICS MATERIAL WITH SECURITY MASKS VISIBLE AT LEAST FROM THE TOP

Publication

EP 0157921 A3 19870715 (DE)

Application

EP 84114907 A 19820216

Priority

CH 142181 A 19810303

Abstract (en)

[origin: CA1181110A] INVENTION: A PLANAR CARD MADE OF A THERMOPLASTIC MATERIAL HAVING VISUALLY RECOGNIZABLE SAFETY MARKINGS AND METHOD OF MANUFACTURING SUCH CARD In order to form safety markings at a planar card made of a plastics material, which card may be used, for instance, as credit card, this card is built up from at least two parts. The inner border area between these two parts comprises a relief-like structure which is the carrier of the safety marking. In order to generate a watermark-like effect the upper part is made of a opaque plastic material and the other part is made of a transparent plastics material. When viewing through this card the areas of the opaque layer having the largest thickness appear as darker areas, whereby when viewing the same way the areas having a smaller thickness show a certain brightness. After being embossed the two parts of the thermoplastic material are joined to each other such that they cannot be separated such that no access from the outside is possible to this safety marking. Accordingly, an additional safety factor is arrived at in cards which can be used as money substrate, identification means or a license for any kind of access.

IPC 1-7

B42D 15/02

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

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EP 84114907 A 19820216; AT 82101115 T 19820216; AT 84114907 T 19820216; CA 396933 A 19820224; CH 142181 A 19810303; DE 3268726 T 19820216; DE 3280103 T 19820216; EP 82101115 A 19820216; US 35054082 A 19820219; US 69051185 A 19850110