

Title (en)
FLAT CARD OF THERMOPLASTIC MATERIAL WITH VISUALLY READABLE SECURITY MARKS, AND PROCESS FOR MANUFACTURING THE SAME

Publication
EP 0059856 B1 19860129 (DE)

Application
EP 82101115 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
B42D 15/02 (2006.01); **B42D 15/10** (2006.01); **B42D 25/00** (2014.01); **B42D 25/425** (2014.01); **B44F 1/12** (2006.01)

CPC (source: EP US)
B42D 25/00 (2014.10 - EP US); **B42D 25/425** (2014.10 - EP US); **B42D 25/324** (2014.10 - EP US); **B42D 2033/04** (2022.01 - EP); **B42D 2033/08** (2022.01 - EP); **B42D 2033/24** (2022.01 - EP); **B42D 2033/30** (2022.01 - EP); **B42D 2035/02** (2022.01 - EP); **B42D 2035/16** (2022.01 - EP); **B42D 2035/20** (2022.01 - EP); **B42D 2035/30** (2022.01 - EP); **Y10S 283/904** (2013.01 - EP US); **Y10S 428/916** (2013.01 - EP US); **Y10T 156/1039** (2015.01 - EP US); **Y10T 428/24529** (2015.01 - EP US)

Citation (examination)
• FR 2176463 A5 19731026 - GAO GES AUTOMATION ORG [DE]
• FR 2365657 A1 19780421 - BANK OF ENGLAND [GB]

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Designated contracting state (EPC)
AT BE DE FR GB IT LU NL SE

DOCDB simple family (publication)
EP 0157921 A2 19851016; **EP 0157921 A3 19870715**; **EP 0157921 B1 19900207**; AT E17683 T1 19860215; AT E50205 T1 19900215; CA 1181110 A 19850115; CH 650732 A5 19850815; DE 3268726 D1 19860313; DE 3280103 D1 19900315; EP 0059856 A1 19820915; EP 0059856 B1 19860129; US 4506916 A 19850326; US 4564409 A 19860114

DOCDB simple family (application)
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