

Title (en)
A SECURITY DOCUMENT

Title (de)
SICHERHEITSDOKUMENT

Title (fr)
DOCUMENT DE SÉCURITÉ

Publication
EP 3359390 A1 20180815 (EN)

Application
EP 16781154 A 20161004

Priority
• GB 201517558 A 20151005
• GB 2016053079 W 20161004

Abstract (en)
[origin: GB2543053A] A security document 10 comprising a security sheet 11 formed from a plastic substrate (20, figure 3) and an adjacent page 16 of fibrous substrate 15, which are connected by a hinge 14. The security sheet is for displaying personal data. The adjacent page comprises a first security device 75 having at least one exposed region 18 at the surface 19. The security sheet comprises a second security device 76, which is located at least partially in at least one window 27 of the plastic substrate, and it may be a filter or lens. The first and second security element may also be a thread; the thread may have a fusing and a tactile layer for soft touch. When the security sheet and adjacent page are arranged to overlie one another the first and second security devices are visible in the at least one window when the security sheet is viewed in reflected light. The present invention is further directed to a plurality of such security documents and a method of manufacturing the security document. The method comprising embedding the security elements into a plurality of layers by applying heat and pressure (figure 8).

IPC 8 full level
B42D 25/351 (2014.01); **B42D 25/24** (2014.01)

CPC (source: EP GB)
B32B 3/04 (2013.01 - GB); **B32B 3/266** (2013.01 - GB); **B32B 5/14** (2013.01 - GB); **B32B 7/02** (2013.01 - GB); **B32B 27/12** (2013.01 - GB); **B32B 37/04** (2013.01 - GB); **B32B 37/06** (2013.01 - GB); **B32B 37/14** (2013.01 - GB); **B32B 37/20** (2013.01 - GB); **B32B 37/223** (2013.01 - GB); **B42D 25/23** (2014.10 - GB); **B42D 25/24** (2014.10 - EP GB); **B42D 25/309** (2014.10 - GB); **B42D 25/324** (2014.10 - EP); **B42D 25/328** (2014.10 - EP); **B42D 25/351** (2014.10 - EP GB); **B42D 25/355** (2014.10 - GB); **B42D 25/455** (2014.10 - GB); **B42D 25/46** (2014.10 - GB); **B32B 2307/40** (2013.01 - GB); **B32B 2307/41** (2013.01 - GB); **B32B 2307/412** (2013.01 - GB); **B32B 2307/414** (2013.01 - GB); **B32B 2425/00** (2013.01 - GB)

Citation (search report)
See references of WO 2017060684A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
GB 201517558 D0 20151118; **GB 2543053 A 20170412**; **GB 2543053 B 20180411**; EP 3359390 A1 20180815; WO 2017060684 A1 20170413

DOCDB simple family (application)
GB 201517558 A 20151005; EP 16781154 A 20161004; GB 2016053079 W 20161004