

Title (en)  
A SECURITY DOCUMENT

Title (de)  
SICHERHEITSDOKUMENT

Title (fr)  
DOCUMENT DE SÉCURITÉ

Publication  
**EP 3342601 B1 20190327 (EN)**

Application  
**EP 17210769 A 20171228**

Priority  
EP 17461501 A 20170102

Abstract (en)  
[origin: EP3342601A1] A security document comprising a substrate layer (12) with a printed security feature (11) comprising a first area (11a) and a second area (11b), wherein in both areas (11a, 11b) the security feature (11) is visible under visible light in a basic colour (P), characterized in that when excited with infrared light, the first area (11a) is visible in visible light in a first colour (1) and the second area (11b) is visible in visible light in a second colour (2) different than the first colour (1), wherein the security feature (11) is a print layer made of a composition comprising, in the first area (11a), a first additional up-conversion luminescence pigment excitable by the infrared light, and in the second area (11b) a second additional up-conversion luminescence pigment excitable by the infrared light, wherein the second additional pigment is different than the first additional pigment.

IPC 8 full level  
**B42D 25/29** (2014.01); **B41M 3/14** (2006.01); **B42D 25/382** (2014.01); **G07D 7/1205** (2016.01)

CPC (source: EP)  
**B42D 25/29** (2014.10); **B42D 25/382** (2013.01); **G07D 7/1205** (2017.05); **B41M 3/144** (2013.01)

Citation (opposition)  
Opponent : Bundesdruckerei GmbH  
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**EP 3342601 A1 20180704**; **EP 3342601 B1 20190327**; CY 1121774 T1 20200731; DK 3342601 T3 20190611; ES 2731365 T3 20191115; HR P20190984 T1 20190823; HU E044906 T2 20191128; LT 3342601 T 20190710; PL 3342601 T3 20190930; PT 3342601 T 20190611; RS 58978 B1 20190830; SI 3342601 T1 20190830; TR 201907834 T4 20190621

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**EP 17210769 A 20171228**; CY 191100570 T 20190529; DK 17210769 T 20171228; ES 17210769 T 20171228; HR P20190984 T 20190530; HU E17210769 A 20171228; LT 17210769 T 20171228; PL 17210769 T 20171228; PT 17210769 T 20171228; RS P20190658 A 20171228; SI 201730056 T 20171228; TR 201907834 T 20171228