

Title (en)
Security paper provided with a security feature exhibiting luminescence

Title (de)
Sicherheitspapier mit einem Lumineszenzsicherheitselement

Title (fr)
Papier de sécurité contenant un élément de sécurité luminescent

Publication
EP 1607520 B1 20130731 (EN)

Application
EP 05076430 A 20050616

Priority
NL 1026430 A 20040616

Abstract (en)
[origin: EP1607520A2] A security paper (10), comprising a substrate surface delimited by sides, is provided with a security feature (12a-12d) which exhibits luminescence. The security feature comprises at least one luminescent plastic fibre (20) consisting of a plastic and at least one luminescent compound, the plastic fibre having maximum transverse dimensions in the range from 2-50 micrometres such that it is not visible to the naked eye both in reflective light and in transmitted light, and the plastic fibre (20) extends between at least two sides (19a, 19b) of the security paper, and the luminescent plastic fibre (20) does not have any visually perceptible emission in the visible region under daylight conditions.

IPC 8 full level
D21H 21/48 (2006.01); **B42D 15/00** (2006.01); **D21H 27/32** (2006.01)

CPC (source: EP)
B42D 25/355 (2014.10); **D21H 21/48** (2013.01); **D21H 27/32** (2013.01)

Cited by
US2021213771A1; US8632101B2; WO2016063049A1; DE102014011383A1; WO2016015872A1; EP2627520B1

Designated contracting state (EPC)
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