

Title (en)

SECURITY PAPER AND SECURITY ARTICLES

Title (de)

SICHERHEITSPAPIER UND SICHERHEITSARTIKEL

Title (fr)

PAPIER INFALSIFIABLE ET ARTICLES INFALSIFIABLES

Publication

EP 1446528 A1 20040818 (EN)

Application

EP 01985333 A 20011122

Priority

EP 0113588 W 20011122

Abstract (en)

[origin: WO03044276A1] A security article has at least one security element comprising at least one photoluminescent segment which is characterized by a linearly polarised photoluminescence and/or linearly polarised absorption. A particularly pronounced and well observable effect when embedding such security element in a paper or paper-like structure can be achieved when said paper or paper-like structure is composed of 30 to 99 percent in dry weight fibres and 70 to 1 percent in dry weight filler and optional additives, complementing to 100 percent in total. Preferably, the filler is titanium dioxide or zinc oxide with high scattering and/or absorption properties. According to another preferred embodiment, the paper or paper-like structure is additionally substantially free of brightener and/or additives with fluorescent properties.

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