

Title (en)

SECURITY ARRANGEMENT WITH LIQUID-CRYSTAL LAYER

Title (de)

SICHERHEITSANORDNUNG MIT FLÜSSIGKRISTALLSCHICHT

Title (fr)

AGENCEMENT DE SÉCURITÉ À COUCHE DE CRISTAUX LIQUIDES

Publication

EP 2094503 B1 20110223 (DE)

Application

EP 07819695 A 20071108

Priority

- EP 2007009686 W 20071108
- DE 102006054651 A 20061117

Abstract (en)

[origin: WO2008058670A1] The invention relates to a security arrangement for security papers, documents of value and the like, having a transparent security element (12) which has a first linear polarizer and a layer made of a cholesteric liquid-crystalline material arranged above the linear polarizer, and having a transparent verification element (14) which has a second linear polarizer crosswise in relation to the first linear polarizer, in which case, when the transparent security element (12) is positioned on the transparent verification element (14), the first and second linear polarizers form a dark background for the cholesteric liquid-crystal layer, wherein at least one of the linear polarizers contains a motif (20) which is in the form of patterns, symbols or a coding and becomes visible once the security element (12) has been positioned on the verification element (14).

IPC 8 full level

B42D 15/00 (2006.01)

CPC (source: EP US)

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WO 2005037570 A2 20050428 - GIESECKE & DEVRIENT GMBH [DE], et al

Cited by

CN113359334A; EP2411232B1

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