

Title (en)

OPTICAL SECURITY COMPONENT AND METHOD FOR MANUFACTURING SUCH A COMPONENT

Title (de)

OPTISCHE SICHERHEITSKOMPONENTE UND VERFAHREN ZUR HERSTELLUNG SOLCH EINER KOMPONENTE

Title (fr)

COMPOSANT OPTIQUE DE SÉCURITÉ ET PROCÉDÉ DE FABRICATION D'UN TEL COMPOSANT

Publication

EP 3465352 A1 20190410 (FR)

Application

EP 17729408 A 20170523

Priority

- FR 1654587 A 20160523
- EP 2017062465 W 20170523

Abstract (en)

[origin: WO2017202866A1] According to one aspect, the present description relates to an optical security component (20) comprising a first layer (23) made of dielectric material at least partially structured on one side, a second layer (22) deposited on said at least partially structured side in at least one first region and having a spectral band of reflection in the visible, and a third layer (21) made of dielectric material, this third layer being deposited on said second layer. The first layer (23) has, in the first region, at least one first structure (S) formed by a first pattern (S1) that is modulated by a second pattern (S2), said patterns being such that the first pattern forms a first diffractive element of the computer-synthesized-hologram type generating a first recognisable image in at least one first reconstruction plane, and the second pattern is a periodic grating of period comprised between 100 nm and 700 nm producing a resonant filter in a first spectral band.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

See references of WO 2017202866A1

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