

Title (en)
DIFFRACTIVE DEVICE WITH ENHANCED ANTI-COPYING PROTECTION

Title (de)
DIFFRAKTIVES GERÄT MIT KOPIERSCHUTZ

Title (fr)
DISPOSITIF DIFFRACTIF AVEC PROTECTION CONTRE LE COPIAGE AMELIOREE

Publication
EP 0746472 A1 19961211 (EN)

Application
EP 95908825 A 19950213

Priority
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• AU PM382994 A 19940214

Abstract (en)
[origin: WO9521747A1] When a diffractive device (2) is illuminated by a light source, it generates one or more diffraction images which are observable from particular ranges of viewing angles around the device. The device comprises a substrate (6), a diffractive structure (3) embossed into or adhered onto the substrate, a first substantially transparent layer (7) over the diffractive structure, light splitting means (8, 10, 11) over the first substantially transparent layer, and a second substantially transparent layer (9) over the light splitting means. The light splitting means protects the diffractive device against replication using near field or far field imaging procedures which require coherent light illumination.

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IPC 8 full level
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CPC (source: EP)
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