

Title (en)

SECURITY FEATURE FOR RECORDING MATERIALS

Title (de)

SICHERHEITSMERKMAL FÜR AUFZEICHNUNGSMATERIALIEN

Title (fr)

CARACTERISTIQUE DE SECURITE POUR MATERIAUX DE REPRODUCTION

Publication

**EP 1778499 A1 20070502 (DE)**

Application

**EP 05759525 A 20050622**

Priority

EP 2005006746 W 20050622

Abstract (en)

[origin: WO2006136188A1] The invention relates to a novel security feature in the form of a luminescent marking for integration in a recording material. The security feature comprises a radiation layer (21) with luminescent components and a masking layer (2) with cavity pigments at least partly masking the radiation layer. The pigments in the masking layer (2) are fused by locally defined heat treatment into the form of a marking. The invention particularly relates to a heat-sensitive recording material comprising, in a preferred embodiment, at least one substrate (10), a heat-sensitive recording layer (30), an intermediate layer (21), between the substrate and the heat-sensitive recording layer in the form of a radiation layer with luminescent components and a masking layer with cavity pigments (2), the pigments of the masking layer (2) being fused in the form of a marking by locally defined fusion.

IPC 8 full level

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Citation (search report)

See references of WO 2006136188A1

Cited by

EP3517309A1; EP2993054A1; DE102021133333A1; WO2023110951A1; EP2993055A1

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