

Title (en)

DATA CARRIER WITH TACTILE PRINTED AREA FOR INK WRITING DATA

Title (de)

DATENTRÄGER MIT TAKTILEM BEDRUCKTEN BEREICH FÜR TINTE ZUM SCHREIBEN VON DATEN

Title (fr)

SUPPORT DE DONNÉES AVEC ZONE IMPRIMÉE TACTILE POUR DONNÉES D'ÉCRITURE À L'ENCRE

Publication

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Application

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Priority

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Abstract (en)

The present invention relates generally to a data carrier comprising a data sheet. Said data sheet comprises a substrate material wherein at least one printed area is printed. Said printed area is configured for ink written signature. Said printed area is produced by imprinting via intaglio printing and comprises tactile perceptibility structured embossed pattern produced by the imprinting. Said tactile structured embossed pattern is configured to hold the ink of the ink written. The present invention prevents unwanted smudging or spreading when writing on the printed area. Moreover, the present invention addresses also the forgery and manipulation drawbacks on ink written data on data carrier.

IPC 8 full level

B42D 25/425 (2014.01)

CPC (source: EP KR)

B42D 25/425 (2014.10 - EP KR)

Citation (applicant)

- WO 9748555 A1 19971224 - GIESECKE & DEVRIENT GMBH [DE], et al
- WO 0020216 A1 20000413 - GIESECKE & DEVRIENT GMBH [DE], et al
- WO 0020217 A1 20000413 - GIESECKE & DEVRIENT GMBH [DE], et al

Citation (search report)

- [XAI] DE 102007052176 B3 20090205 - OVD KINEGRAM AG [CH]
- [A] GB 2531582 A 20160427 - DE LA RUE INT LTD [GB]

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