

Title (en)

RECORDING MATERIAL FOR DYE SUBLIMATION PRINTING HAVING IMPROVED TRANSPORT PROPERTIES

Title (de)

AUZEICHNUNGSMATERIAL FÜR DEN THERMOSUBLIMATIONSDRUCK MIT VERBESSERTE TRANSPORTEIGENSCHAFTEN

Title (fr)

MATÉRIAUX D'ENREGISTREMENT POUR IMPRESSION PAR SUBLIMATION THERMIQUE AYANT DES PROPRIÉTÉS DE TRANSPORT AMÉLIORÉES

Publication

**EP 4288293 A1 20231213 (DE)**

Application

**EP 22703928 A 20220204**

Priority

- EP 21155249 A 20210204
- EP 2022052693 W 20220204

Abstract (en)

[origin: WO2022167572A1] The invention relates to recording material for dye sublimation printing comprising raw paper (1) having a front and a rear side, at least one synthetic resin layer (4) on at least the rear side of the raw paper (1), a dye-receiving layer (2) which is arranged on the front side of the raw paper (1), at least one plastic film (3) which is arranged between the raw paper (1) and the dye-receiving layer (2) and optionally a barrier layer which is arranged between the plastic film (3) and the dye-receiving layer (2), wherein the synthetic resin layer (4) has an elastic modulus of at least 0.8 GPa.

IPC 8 full level

**B41M 5/42** (2006.01); **B41M 5/44** (2006.01)

CPC (source: EP US)

**B41M 5/385** (2013.01 - US); **B41M 5/398** (2013.01 - US); **B41M 5/42** (2013.01 - EP); **B41M 5/44** (2013.01 - EP US);  
**B41M 2205/02** (2013.01 - EP US); **B41M 2205/32** (2013.01 - EP); **B41M 2205/36** (2013.01 - EP US); **B41M 2205/38** (2013.01 - EP US)

Citation (search report)

See references of WO 2022167572A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

**EP 4039486 A1 20220810**; CN 116847993 A 20231003; EP 4288293 A1 20231213; JP 2024505504 A 20240206; US 2024083187 A1 20240314;  
WO 2022167572 A1 20220811

DOCDB simple family (application)

**EP 21155249 A 20210204**; CN 202280013309 A 20220204; EP 2022052693 W 20220204; EP 22703928 A 20220204;  
JP 2023545304 A 20220204; US 202218275770 A 20220204