

Title (en)

THERMAL TRANSFER SHEET, PRINTING SHEET, AND THERMAL TRANSFER PRINTING DEVICE

Title (de)

WÄRMEÜBERTRAGUNGSBLATT, DRUCKBLATT UND WÄRMEÜBERTRAGUNGSDRUCKVORRICHTUNG

Title (fr)

FEUILLE DE TRANSFERT THERMIQUE, FEUILLE D'IMPRESSION, ET DISPOSITIF D'IMPRESSION PAR TRANSFERT THERMIQUE

Publication

EP 3530477 A1 20190828 (EN)

Application

EP 18841727 A 20180731

Priority

- JP 2017148112 A 20170731
- JP 2018008302 A 20180122
- JP 2018028642 W 20180731

Abstract (en)

There is provided a thermal transfer sheet capable of being identified by a thermal transfer printing apparatus, as well as being capable of preventing color property changes in high-resolution printing and reducing production cost. The thermal transfer sheet (5) of an embodiment includes a dye layer (52) and a protective layer (54) on one surface of a substrate (50). The protective layer (54) contains an invisible light absorbing material and is provided with an identification mark (55) having at least one of a recessed portion and a protruding portion.

IPC 8 full level

B41M 5/382 (2006.01); **B41J 2/325** (2006.01); **B41J 17/36** (2006.01); **B41M 5/40** (2006.01); **B41M 5/52** (2006.01)

CPC (source: EP KR US)

B41J 2/235 (2013.01 - KR US); **B41J 2/325** (2013.01 - EP US); **B41J 2/4753** (2013.01 - US); **B41J 17/36** (2013.01 - EP US); **B41M 5/345** (2013.01 - US); **B41M 5/382** (2013.01 - EP KR US); **B41M 5/40** (2013.01 - KR US); **B41M 5/52** (2013.01 - KR US); **B41M 7/0045** (2013.01 - KR US); **B41J 2202/33** (2013.01 - EP); **B41M 5/38214** (2013.01 - EP); **B41M 5/38228** (2013.01 - EP); **B41M 5/38264** (2013.01 - EP); **B41M 5/42** (2013.01 - EP); **B41M 7/0027** (2013.01 - EP); **B41M 2205/26** (2013.01 - EP); **B41M 2205/30** (2013.01 - EP); **B41M 2205/32** (2013.01 - EP); **B41M 2205/36** (2013.01 - EP)

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

DOCDB simple family (publication)

EP 3530477 A1 20190828; **EP 3530477 A4 20200729**; **EP 3530477 B1 20220406**; WO 2019026901 A1 20190207

DOCDB simple family (application)

EP 18841727 A 20180731; JP 2018028642 W 20180731