

Title (en)
SHEETING AND METHODS FOR THE PRODUCTION THEREOF

Title (de)
FOLIENMATERIAL UND VERFAHREN ZU SEINER HERSTELLUNG

Title (fr)
MATERIAU EN FEUILLE ET SON PROCEDE DE FABRICATION

Publication
EP 1744904 B2 20191106 (DE)

Application
EP 05747862 A 20050429

Priority

- EP 2005004684 W 20050429
- DE 102004021246 A 20040430
- DE 102004039355 A 20040812
- DE 102004053008 A 20041029

Abstract (en)
[origin: WO2005105475A1] The invention relates to a sheeting that is to be transferred to a target substrate as well as methods for producing such sheeting. According to the inventive method, a plastic support film (32) is provided that is suitable for orienting crystalline liquid material. A layer (34) of crystalline liquid material that is oriented is partially applied to the support film (32).

IPC 8 full level
B42D 15/00 (2006.01); **B32B 27/36** (2006.01); **B41M 3/14** (2006.01); **G02F 1/1337** (2006.01); **G06K 19/06** (2006.01); **G07D 7/12** (2016.01)

CPC (source: EP US)
B42D 25/29 (2014.10 - EP US); **B42D 25/364** (2014.10 - US); **B42D 25/373** (2014.10 - US); **B42D 25/425** (2014.10 - US); **B44C 1/14** (2013.01 - EP US); **B42D 25/391** (2014.10 - EP US); **B42D 2033/26** (2022.01 - EP)

Citation (opposition)
Opponent :
WO 02061470 A1 20020808 - ROLIC AG [CH], et al

Cited by
WO2018069216A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2005105475 A1 20051110; EP 1744904 A1 20070124; EP 1744904 B1 20150909; EP 1744904 B2 20191106; RU 2006141814 A 20080610; RU 2377133 C2 20091227; US 2007165182 A1 20070719; US 7808605 B2 20101005

DOCDB simple family (application)
EP 2005004684 W 20050429; EP 05747862 A 20050429; RU 2006141814 A 20050429; US 56839005 A 20050429