

Title (en)
SHEET-LIKE ARTICLE AND METHOD FOR PRODUCING SAME

Title (de)
BLATTARTIGER ARTIKEL UND VERFAHREN ZUR HERSTELLUNG DAVON

Title (fr)
ARTICLE STRATIFORME ET SON PROCÉDÉ DE PRODUCTION

Publication
EP 4079962 A1 20221026 (EN)

Application
EP 20903475 A 20201210

Priority

- JP 2019230227 A 20191220
- JP 2020049010 A 20200319
- JP 2020046009 W 20201210

Abstract (en)

The purpose of the present invention is to provide: a sheet-like article which has a good balance between soft texture and excellent light resistance; and a method for producing this sheet-like article. In order to achieve this purpose, a sheet-like article according to the present invention has the following configuration. Specifically, a sheet-like article which contains a polymer elastic body in a fibrous base material, wherein: the fibrous base material is composed of ultrafine fibers that have an average single fiber diameter of from 0.1 μm to 10 μm ; the polymer elastic body has a hydrophilic group, while containing a polyether diol as a constituent; the polymer elastic body internally has an N-acylurea bond and/or an isourea bond; and the condition 1 and the condition 2 described below are satisfied. Condition 1: The bending resistance in the lengthwise direction as determined in accordance with specific standards is from 40 mm to 140 mm. Condition 2: The abrasion weight loss after 20,000 cycles of a Martindale abrasion test set forth in JIS L 1096 (2005) after a light resistance test as performed under the conditions defined in accordance with specific standards is 25 mg or less.

IPC 8 full level
D06N 3/14 (2006.01)

CPC (source: EP KR US)
D04H 1/43838 (2020.05 - EP); **D04H 1/587** (2013.01 - EP); **D04H 1/64** (2013.01 - EP); **D06N 3/0004** (2013.01 - EP KR US); **D06N 3/0011** (2013.01 - EP KR US); **D06N 3/0027** (2013.01 - KR); **D06N 3/0034** (2013.01 - EP); **D06N 3/0036** (2013.01 - EP US); **D06N 3/0059** (2013.01 - KR); **D06N 3/0063** (2013.01 - EP KR); **D06N 3/0075** (2013.01 - EP KR US); **D06N 3/0077** (2013.01 - EP KR); **D06N 3/0088** (2013.01 - US); **D06N 3/14** (2013.01 - EP KR US); **D06N 3/146** (2013.01 - EP); **D06N 2203/068** (2013.01 - US); **D06N 2205/02** (2013.01 - EP US); **D06N 2205/20** (2013.01 - EP); **D06N 2209/103** (2013.01 - EP US); **D06N 2209/105** (2013.01 - EP US); **D06N 2209/1635** (2013.01 - EP KR); **D06N 2209/1678** (2013.01 - EP KR US); **D06P 3/241** (2013.01 - EP); **D06P 3/54** (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

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
EP 4079962 A1 20221026; **EP 4079962 A4 20240124**; CN 114729501 A 20220708; CN 114729501 B 20240326; JP 6904493 B1 20210714; JP WO2021125032 A1 20211216; KR 20220113689 A 20220816; TW 202129118 A 20210801; US 2022380976 A1 20221201; WO 2021125032 A1 20210624

DOCDB simple family (application)
EP 20903475 A 20201210; CN 202080078176 A 20201210; JP 2020046009 W 20201210; JP 2020569210 A 20201210; KR 20227018399 A 20201210; TW 109144642 A 20201217; US 202017773915 A 20201210