

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 A4 20240124 (EN)**

Application  
**EP 20903475 A 20201210**

Priority

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Abstract (en)

[origin: EP4079962A1] 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  $\mu\text{m}$  to 10  $\mu\text{m}$ ; 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); **D04H 1/4382** (2012.01); **D04H 1/587** (2012.01); **D04H 1/64** (2012.01); **D06N 3/00** (2006.01); **D06P 3/24** (2006.01); **D06P 3/54** (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)

Citation (search report)

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