Title (en)

SOFT ABSORBENT SHEETS, STRUCTURING FABRICS FOR MAKING SOFT ABSORBENT SHEETS, AND METHODS OF MAKING SOFT ABSORBENT SHEETS

Title (de)

WEICHE SAUGFÄHIGE BAHNEN, STRUKTURIERUNGSSTOFFE ZUR HERSTELLUNG VON WEICHEN SAUGFÄHIGEN BAHNEN UND VERFAHREN ZUR HERSTELLUNG VON WEICHEN SAUGFÄHIGEN BAHNEN

Title (fr)

FEUILLES ABSORBANTES DOUCES, TISSUS STRUCTURANTS POUR LA FABRICATION DE FEUILLES ABSORBANTES DOUCES, ET PROCÉDÉS DE FABRICATION DE FEUILLES ABSORBANTES DOUCES

Publication

EP 3464718 A1 20190410 (EN)

Application

EP 17718760 A 20170407

Priority

- US 201615175949 A 20160607
- US 201615371773 A 20161207
- US 2017026509 W 20170407

Abstract (en)

[origin: WO2017213738A1] Soft absorbent sheets, structuring fabrics for producing soft absorbent sheets, and methods of making soft absorbent sheets. The soft absorbent sheets have a plurality of projected regions and connecting regions that connect the projected regions. The projected regions include folds that are curved relative to a machine direction of the absorbent sheet, with ends of the curved folds being on opposite sides of the projected regions, and with apexes of the curved folds being positioned downstream in the machine direction of the absorbent sheet. The absorbent sheets can be formed by structuring fabrics that have angled lines of warp yarn knuckles.

IPC 8 full level

D21F 11/00 (2006.01); **D21F 11/06** (2006.01); **D21F 11/14** (2006.01)

CPC (source: CN EP KR RU)

D21F 11/00 (2013.01 - CN RU); **D21F 11/06** (2013.01 - CN EP KR RU); **D21F 11/14** (2013.01 - CN EP KR RU)

Citation (search report)

See references of WO 2017213738A1

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)

WO 2017213738 A1 20171214; BR 112018075356 A2 20190319; BR 112018075356 B1 20230214; BR 122022024076 B1 20231114; CA 3024517 A1 20171214; CL 2018003465 A1 20190315; CN 109477306 A 20190315; CN 109477306 B 20211231; CN 113186749 A 20210730; CN 113186749 B 20221104; EP 3464718 A1 20190410; JP 2019525012 A 20190905; JP 6941629 B2 20210929; KR 102532267 B1 20230512; KR 20190015312 A 20190213; MX 2018015183 A 20190424; MX 2022014065 A 20221130; RU 2724598 C1 20200625; TW 201742967 A 20171216

DOCDB simple family (application)

US 2017026509 W 20170407; BR 112018075356 A 20170407; BR 122022024076 A 20170407; CA 3024517 A 20170407; CL 2018003465 A 20181204; CN 201780034686 A 20170407; CN 202110531279 A 20170407; EP 17718760 A 20170407; JP 2018563785 A 20170407; KR 20187036123 A 20170407; MX 2018015183 A 20170407; MX 2022014065 A 20181206; RU 2018146535 A 20170407; TW 105140862 A 20161209