

Title (en)

METHOD FOR MANUFACTURING TISSUE PAPER AND METHOD FOR MANUFACTURING TISSUE PAPER PRODUCT

Title (de)

VERFAHREN ZUR HERSTELLUNG VON TISSUEPAPIER UND VERFAHREN ZUR HERSTELLUNG EINES TISSUEPAPIERPRODUKTS

Title (fr)

PROCÉDÉ DE FABRICATION DE PAPIER DE SOIE ET PROCÉDÉ DE FABRICATION D'UN PRODUIT EN PAPIER DE SOIE

Publication

**EP 4201278 A1 20230628 (EN)**

Application

**EP 21877566 A 20211004**

Priority

- JP 2020169410 A 20201006
- JP 2021036648 W 20211004

Abstract (en)

To provide a method for manufacturing three-ply or four-ply tissue paper that reduces a sticky feeling of an outer surface while securing necessary softness. In manufacturing tissue paper including a stacked sheet in which three plies or four plies are stacked, each of the plies contains an aqueous moisturizer exhibiting hygroscopicity, and each of the plies has a difference in magnitude of an arithmetic mean height  $S_a$  according to ISO 25718 between both surfaces of each of the plies. A manufacturing method includes: applying the moisturizer to each of the plies such that the moisturizer is applied to an outer surface of each of the plies located on an outer side of the stacked sheet in a state where the outer surface has a small value of the arithmetic mean height  $S_a$ ; folding the stacked sheet in which the moisturizer has been applied to each of the plies; and then storing the stacked sheet in the storage body in a folded state.

IPC 8 full level

**A47K 10/16** (2006.01)

CPC (source: EP US)

**D21H 23/50** (2013.01 - US); **D21H 27/002** (2013.01 - EP); **D21H 27/005** (2013.01 - US); **D21H 27/30** (2013.01 - EP); **D21H 27/32** (2013.01 - US)

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 4201278 A1 20230628**; CN 116234484 A 20230606; JP 2022061414 A 20220418; TW 202216030 A 20220501; US 2023366156 A1 20231116; WO 2022075267 A1 20220414

DOCDB simple family (application)

**EP 21877566 A 20211004**; CN 202180064907 A 20211004; JP 2020169410 A 20201006; JP 2021036648 W 20211004; TW 110137156 A 20211006; US 202118248047 A 20211004