

Title (en)

METHOD FOR PRODUCING ARAMID PAPER

Title (de)

VERFAHREN ZUR HERSTELLUNG VON ARAMIDPAPIER

Title (fr)

PROCÉDÉ DE PRODUCTION DE PAPIER ARAMIDE

Publication

EP 3929354 A1 20211229 (EN)

Application

EP 20759667 A 20200212

Priority

- JP 2019030228 A 20190222
- JP 2020005278 W 20200212

Abstract (en)

A method for producing aramid paper that involves performing a hot-pressing step of mixing short aramid fibers and aramid fibrils in a mass ratio of 60/40 to 10/90 and forming a sheet, sandwiching the sheet obtained between a pair of heating elements, and applying a pressure of at least 500 kg/cm² at least two times, wherein the hot-pressing step that is performed at least two times comprises a hot-pressing step (a) at a temperature exceeding the glass transition temperature of aramid and a hot-pressing step (b) performed thereafter at a temperature less than the glass transition temperature of aramid.

IPC 8 full level

D21H 13/26 (2006.01); **D04H 1/4342** (2012.01)

CPC (source: EP KR)

D04H 1/4342 (2013.01 - KR); **D04H 1/558** (2013.01 - EP); **D21H 1/00** (2013.01 - KR); **D21H 13/26** (2013.01 - EP KR); **D21H 25/04** (2013.01 - KR)

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)

EP 3929354 A1 20211229; CN 113423888 A 20210921; JP 2020133066 A 20200831; JP 7183073 B2 20221205; KR 20210126729 A 20211020; TW 202035828 A 20201001; TW I832969 B 20240221; WO 2020170902 A1 20200827

DOCDB simple family (application)

EP 20759667 A 20200212; CN 202080015829 A 20200212; JP 2019030228 A 20190222; JP 2020005278 W 20200212; KR 20217029821 A 20200212; TW 109104408 A 20200212