

Title (en)

STAPLE FIBER TREATMENT AGENT, STAPLE FIBER, AND METHOD FOR MANUFACTURING SPUN-LACE NON-WOVEN CLOTH

Title (de)

STAPELFASERBEHANDLUNGSMITTEL, STAPELFASER UND VERFAHREN ZUR HERSTELLUNG VON SPINNVLIESTOFF

Title (fr)

AGENT DE TRAITEMENT DE FIBRES DISCONTINUES, FIBRE DISCONTINUE ET PROCÉDÉ DE FABRICATION DE TISSU NON TISSÉ HYDROLIÉ

Publication

**EP 3907326 A1 20211110 (EN)**

Application

**EP 19907909 A 20191224**

Priority

- JP 2019000238 A 20190104
- JP 2019050497 W 20191224

Abstract (en)

This staple fiber treatment agent includes: the fatty acid derivative described below; at least one selected from the fatty acid described below and the fat/oil described below; and the polyhydric alcohol described below (excepting polyoxyethylene (number of oxyethylene units is 20) polyoxypropylene (number of oxypropylene units is 30) glycol). Fatty acid derivative: A derivative manufactured by adding alkylene oxide in a ratio of 0.1-30 mol per mol of C12-24 fatty acid. Fatty acid: A C12-24 fatty acid. Fat/oil: At least one selected from vegetable oils, animal oils, and hydrogenated oils of the vegetable oils and the animal oils. Polyhydric alcohol: A polyhydric alcohol having 2-6 hydroxyl groups per molecule.

IPC 8 full level

**D06M 13/224** (2006.01); **D04H 1/4258** (2012.01); **D04H 1/492** (2012.01); **D06M 13/02** (2006.01); **D06M 13/148** (2006.01); **D06M 13/184** (2006.01); **D06M 15/53** (2006.01); **D06M 15/643** (2006.01); **D06M 101/04** (2006.01)

CPC (source: EP)

**D04H 1/4258** (2013.01); **D04H 1/492** (2013.01); **D04H 1/74** (2013.01); **D06M 13/02** (2013.01); **D06M 13/148** (2013.01); **D06M 13/17** (2013.01); **D06M 13/188** (2013.01); **D06M 13/224** (2013.01); **D06M 15/53** (2013.01); **D06M 15/643** (2013.01); **D06M 15/6436** (2013.01); **D06M 2200/40** (2013.01)

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)

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DOCDB simple family (application)

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