

Title (en)

MODIFIED FIBER AND METHOD FOR MANUFACTURING SAME

Title (de)

MODIFIZIERTE FASER UND VERFAHREN ZUR HERSTELLUNG DAVON

Title (fr)

FIBRE MODIFIÉE ET SON PROCÉDÉ DE FABRICATION

Publication

EP 2910675 A1 20150826 (EN)

Application

EP 13846300 A 20131011

Priority

- JP 2012228841 A 20121016
- JP 2013077755 W 20131011

Abstract (en)

A modified fiber of the present invention has high abrasion resistance under wet conditions and high washing resistance. The modified fiber is a modified fiber in which an epoxy compound is bonded to a refined cellulose fiber, a natural cellulose fiber, cuprammonium rayon, rayon, or a silk fiber, the epoxy compound being at least any one of resorcinol diglycidyl ether and hydroquinone diglycidyl ether.

IPC 8 full level

D06M 15/55 (2006.01); **D06M 13/11** (2006.01); **D06M 13/46** (2006.01); **D06M 101/04** (2006.01); **D06M 101/12** (2006.01)

CPC (source: EP)

D06M 13/11 (2013.01); **D06M 13/46** (2013.01); **D06M 15/55** (2013.01); **D06M 2101/06** (2013.01); **D06M 2101/12** (2013.01); **D06M 2200/35** (2013.01)

Cited by

US11771769B2; WO2022195465A1

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 2910675 A1 20150826; **EP 2910675 A4 20160622**; **EP 2910675 B1 20180103**; CN 104718323 A 20150617; JP 2014080704 A 20140508; JP 5646572 B2 20141224; WO 2014061585 A1 20140424

DOCDB simple family (application)

EP 13846300 A 20131011; CN 201380054240 A 20131011; JP 2012228841 A 20121016; JP 2013077755 W 20131011