

Title (en)
ARTIFICIAL LEATHER AND PRODUCTION METHOD THEREFOR

Title (de)
KUNSTLEDER UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)
CUIR ARTIFICIEL ET SON PROCÉDÉ DE PRODUCTION

Publication
EP 3816343 A1 20210505 (EN)

Application
EP 20204683 A 20201029

Priority
JP 2019197779 A 20191030

Abstract (en)
[PROBLEM TO BE SOLVED]To provide an artificial leather which can be suitable used as the upholstery or inner material of seats for interior, automobiles, aircraft, and railway vehicles, as well as clothing products and which has both a suitable texture (stiffness) and crease recovery.
[MEANS TO SOLVE THE PROBLEM]The artificial leather includes a fiber sheet and a polyurethane resin, wherein the fiber sheet includes at least a fiber layer (A) constituting a first outer surface of the artificial leather, a cross-sectional polyurethane resin area ratio in the thickness direction of the fiber layer (A) is 15% to 30%, and standard deviation of the cross-sectional polyurethane resin area ratio of the fiber layer (A) is 25% or less.

IPC 8 full level
D06N 3/00 (2006.01); **D06N 3/14** (2006.01)

CPC (source: EP)
D06N 3/14 (2013.01)

Citation (applicant)

- JP 4089324 B2 20080528
- JP 2014025165 A 20140206 - TORAY INDUSTRIES
- WO 2018135243 A1 20180726 - TORAY INDUSTRIES [JP]
- WO 2016031624 A1 20160303 - TORAY INDUSTRIES [JP]
- JP 2016069790 A 20160509 - TORAY INDUSTRIES
- WO 9918281 A1 19990415 - ICHIKINTECHNICAL CO LTD [JP], et al
- JP H0782384 A 19950328 - KURARAY CO
- "ImageJ", NATIONAL INSTITUTES OF HEALTH

Citation (search report)

- [XD] JP 2016069790 A 20160509 - TORAY INDUSTRIES
- [I] US 4145468 A 19790320 - MIZOGUCHI TAKAHISA, et al
- [I] US 4107374 A 19780815 - KUSUNOSE TETSUHIRO, et al

Citation (third parties)
Third party : **Anonymous**

- JP 2016069790 A 20160509 - TORAY INDUSTRIES
- JP 2016069790 A 20160509 - TORAY INDUSTRIES
- JP 2019183375 A 20191024 - TORAY INDUSTRIES
- JP 2010248683 A 20101104 - TORAY INDUSTRIES
- EP 3054048 A1 20160810 - KURARAY CO [JP]
- EP 2848732 A1 20150318 - TORAY INDUSTRIES [JP]

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 3816343 A1 20210505; EP 3816343 B1 20220824; JP 2021070904 A 20210506

DOCDB simple family (application)
EP 20204683 A 20201029; JP 2020179757 A 20201027