

Title (en)  
ARTIFICIAL LEATHER SUBSTRATE, GRAIN-FINISHED ARTIFICIAL LEATHER, ARTIFICIAL LEATHER SUBSTRATE MANUFACTURING METHOD, AND ARTIFICIAL LEATHER SUBSTRATE MODIFYING AGENT

Title (de)  
KUNSTLEDERSUBSTRAT, KUNSTLEDER MIT KÖRNUNGSFINISH, HERSTELLUNGSVERFAHREN FÜR KUNSTLEDERSUBSTRAT UND MODIFIZIERUNGSMITTEL FÜR KUNSTLEDERSUBSTRAT

Title (fr)  
SUBSTRAT EN CUIR ARTIFICIEL, CUIR ARTIFICIEL À FAUSSE FLEUR, PROCÉDÉ DE FABRICATION D'UN SUBSTRAT EN CUIR ARTIFICIEL ET AGENT DE MODIFICATION DE SUBSTRAT EN CUIR ARTIFICIEL

Publication  
**EP 2966218 A1 20160113 (EN)**

Application  
**EP 14756855 A 20140225**

Priority  
• JP 2013037475 A 20130227  
• JP 2014000991 W 20140225

Abstract (en)  
Provided is an artificial leather substrate including: an entangled fiber body; a filler and a non-volatile oil in liquid form added into the entangled fiber body by impregnation; and preferably, an elastic polymer. Preferably, the content of the non-volatile oil is 0.5 to 10 mass% relative to the entangled fiber body. Further preferably, the artificial leather substrate further includes a smoothing layer for smoothing the substrate surface, the smoothing layer being a layer including a second elastic polymer and a second filler and having a thickness of 10 to 100  $\mu\text{m}$ .

IPC 8 full level  
**D06N 3/00** (2006.01); **D06M 13/02** (2006.01); **D06M 13/224** (2006.01); **D06M 15/564** (2006.01); **D06M 15/643** (2006.01); **D06M 23/08** (2006.01); **D06N 3/14** (2006.01)

CPC (source: EP US)  
**D06M 15/564** (2013.01 - EP US); **D06M 23/08** (2013.01 - EP US); **D06N 3/0004** (2013.01 - EP US); **D06N 3/0011** (2013.01 - EP US); **D06N 3/0061** (2013.01 - EP US); **D06N 3/0063** (2013.01 - EP US); **D06N 3/14** (2013.01 - EP US); **D06N 2209/067** (2013.01 - US); **D06N 2209/128** (2013.01 - US); **D06N 2211/28** (2013.01 - EP US)

Citation (third parties)  
Third party : *anonymous*  
JP 2007119936 A 20070517 - TORAY INDUSTRIES

Cited by  
KR20190139846A; EP3620572A4

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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 2966218 A1 20160113**; **EP 2966218 A4 20160907**; CN 105026640 A 20151104; CN 105026640 B 20190308; JP 6473412 B2 20190220; JP WO2014132630 A1 20170202; KR 102128640 B1 20200630; KR 20150121105 A 20151028; TW 201500200 A 20150101; TW I651198 B 20190221; US 2016002846 A1 20160107; WO 2014132630 A1 20140904

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**EP 14756855 A 20140225**; CN 201480010882 A 20140225; JP 2014000991 W 20140225; JP 2015502775 A 20140225; KR 20157025692 A 20140225; TW 103106652 A 20140227; US 201414769632 A 20140225