

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 A4 20160907 (EN)

Application
EP 14756855 A 20140225

Priority
• JP 2013037475 A 20130227
• JP 2014000991 W 20140225

Abstract (en)
[origin: EP2966218A1] 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 µm.

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 (search report)
• [X] JP 2012117154 A 20120621 - KURARAY CO
• [XY] JP 2002302879 A 20021018 - KURARAY CO
• [Y] DE 4444306 A1 19950614 - DEUTER SPORT & LEDER [DE], et al
• [A] JP 2002030580 A 20020131 - KURARAY CO
• [A] EP 1518959 A1 20050330 - KURARAY CO [JP]
• [A] EP 1079015 A2 20010228 - KURARAY CO [JP]
• [A] US 3203921 A 19650831 - ROSENFELDER WILLIAM J
• [A] US 3558538 A 19710126 - WOLLRAB FRIEDRICH, et al
• [A] DATABASE WPI Week 200366, 2003 Derwent World Patents Index; AN 2003-692050, XP002760088
• See also references of WO 2014132630A1

Cited by
KR20190139846A; EP3620572A4

Designated contracting state (EPC)
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DOCDB simple family (publication)
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