

Title (en)
NON-WOVEN ARTIFICIAL LEATHER USING DOPE-DYED POLYESTER SEA-ISLAND TYPE COMPOSITE YARN AND METHOD FOR PRODUCING SAME

Title (de)
VLIESKUNSTLEDER UNTER VERWENDUNG VON SPINNDÜSENGEFÄRBTEN GARN VOM TYP POLYESTER-SEA-ISLAND-KOMPOSIT UND VERFAHREN ZUR HERSTELLUNG DAVON

Title (fr)
CUIR ARTIFICIEL NON-TISSÉ À L'AIDE D'UN FIL COMPOSITE DE TYPE MER-ÎLOT DE POLYESTER TEINT PAR DOPAGE ET SON PROCÉDÉ DE PRODUCTION

Publication
EP 3660207 A4 20210120 (EN)

Application
EP 18859915 A 20180830

Priority
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Abstract (en)
[origin: EP3660207A1] The present disclosure relates to a method for manufacturing artificial leather having excellent fastness and dyeing properties by using a dope-dyed polyester sea-island type composite yarn, and artificial leather produced by the same method. According to the present disclosure, a non-woven fabric, which is made of a dope-dyed polyester sea-island type composite yarn to which an organic or inorganic pigment, or both an organic pigment and an inorganic pigment, are added, is produced by: impregnating the same with a polyurethane resin to which an organic or inorganic pigment, or both an organic pigment and an inorganic pigment, are added; performing weight reduction processing; and then dyeing the same with a disperse dye, whereby various colors can be expressed, the artificial leather is uniformly dyed with the pigment, the amount of dye used can be reduced by excellent dyeability and deep color expression, and excellent fastness and high-grade quality are expressed, thereby making it possible to develop products for advanced applications such as interior materials for a vehicle.

IPC 8 full level
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CPC (source: EP KR US)
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Citation (search report)
• [E] EP 3421661 A1 20190102 - KOLON INC [KR]
• [XY] EP 1403421 A2 20040331 - KURARAY CO [JP]
• [Y] KR 20160082578 A 20160708 - KOLON INC [KR]
• [A] KR 19980046789 A 19980915
• See references of WO 2019059553A1

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