

Title (en)
ARTIFICIAL LEATHER WITH SILVERED TONE

Title (de)
KUNSTLEDER MIT VERSILBERTEM TON

Title (fr)
CUIR ARTIFICIEL DE TON ARGENTE

Publication
EP 1749920 A4 20090722 (EN)

Application
EP 05736597 A 20050426

Priority
• JP 2005007863 W 20050426
• JP 2004132851 A 20040428

Abstract (en)
[origin: EP1749920A1] A grain-finished artificial leather composed of a base layer and a coating layer Y formed on one of the surfaces of the base layer. The base layer is composed of an entangled nonwoven fabric X made of bundles of microfine fibers having an average single fiber fineness of 0.07 dtex or less and impregnated with a polymeric elastomer A and a polymeric elastomer B. The entangled nonwoven fabric X is composed of a lower layer X A and an upper layer X B wherein the lower layer X A is impregnated mainly with the polymeric elastomer A which is substantially not adhered to the bundles of microfine fibers and the upper layer X B is impregnated mainly with the polymeric elastomer B which is substantially not adhered to the bundles of microfine fibers. The coating layer Y is composed of a coating layer Y B having a thickness of 1 to 10 µm which is made of the polymeric elastomer B and formed on the upper layer X B , a coating layer Yc which is made of a polymeric elastomer C and formed on the coating layer Y B , and a finished layer Y E which is formed on the coating layer Yc. The grain-finished artificial leather having the above structure combines a natural leather-like, delicate appearance, a good softness and flexibility, and a high peel strength.

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

CPC (source: EP KR)
D06M 11/42 (2013.01 - KR); **D06N 3/00** (2013.01 - KR); **D06N 3/0004** (2013.01 - EP); **D06N 3/141** (2013.01 - EP); **D06N 3/145** (2013.01 - EP)

Citation (search report)
• [DX] EP 0952250 A1 19991027 - TEIJIN LTD [JP]
• See references of WO 2005106108A1

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
EP 1749920 A1 20070207; **EP 1749920 A4 20090722**; CN 1957136 A 20070502; CN 1957136 B 20100505; JP 4560511 B2 20101013; JP WO2005106108 A1 20080321; KR 101166273 B1 20120717; KR 20070006870 A 20070111; TW 200609411 A 20060316; TW I372806 B 20120921; WO 2005106108 A1 20051110

DOCDB simple family (application)
EP 05736597 A 20050426; CN 200580016612 A 20050426; JP 2005007863 W 20050426; JP 2006512781 A 20050426; KR 20067022483 A 20050426; TW 94113609 A 20050428