

Title (en)  
SYNTHETIC LEATHER

Title (de)  
SYNTHETISCHES LEDER

Title (fr)  
CUIR SYNTHETIQUE

Publication  
**EP 1226304 A1 20020731 (DE)**

Application  
**EP 00960579 A 20000901**

Priority  
• DE 19947869 A 19991005  
• EP 0008548 W 20000901

Abstract (en)  
[origin: WO0125530A1] The invention relates to a synthetic leather comprising a polymer-impregnated and/or coated non-woven with a surface area weight of 150 to 500 g/m<sup>2</sup> and a tensile strength of > 300 N/5 cm in the longitudinal and perpendicular direction. The non-woven is made of melt-spun, aerodynamically stretched multi-component endless filaments indirectly arranged to form a non-woven. Said non-woven has a titer of < 2 dtex. The multi-component endless filaments are split and hardened when said filaments have attained a strength of 90 % of the supermicro-endless filaments, i.e. a titer of < 0.2 dtex.

IPC 1-7  
**D06N 7/00**; **A43B 23/16**; **D04H 3/12**; **D04H 3/10**; **D04H 3/16**; **D06N 3/14**

IPC 8 full level  
**A43B 23/02** (2006.01); **A43B 23/07** (2006.01); **A43B 23/16** (2006.01); **D04H 3/016** (2012.01); **D04H 3/018** (2012.01); **D04H 3/11** (2012.01); **D06N 3/08** (2006.01); **D04H 3/12** (2006.01); **D04H 3/16** (2006.01); **D06N 3/00** (2006.01); **D06N 3/14** (2006.01)

CPC (source: EP KR US)  
**A43B 23/0215** (2013.01 - EP US); **A43B 23/07** (2013.01 - EP US); **A43B 23/16** (2013.01 - EP US); **D04H 3/016** (2013.01 - EP US); **D04H 3/018** (2013.01 - EP US); **D04H 3/11** (2013.01 - EP US); **D04H 3/12** (2013.01 - EP US); **D04H 3/16** (2013.01 - EP US); **D06N 3/0004** (2013.01 - EP US); **D06N 3/14** (2013.01 - EP US); **D06N 7/00** (2013.01 - KR)

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**WO 0125530 A1 20010412**; AU 7282500 A 20010510; AU 772800 B2 20040506; BG 106564 A 20021031; BR 0014505 A 20020827; CA 2386390 A1 20010412; CN 1174143 C 20041103; CN 1377433 A 20021030; CZ 20021153 A3 20020612; DE 19947869 A1 20010503; EE 200200167 A 20030415; EP 1226304 A1 20020731; HU P0203698 A2 20030428; IL 148867 A0 20020912; JP 2003511568 A 20030325; KR 20020043605 A 20020610; MX PA02002829 A 20031014; NO 20021519 D0 20020326; NO 20021519 L 20020326; PL 354450 A1 20040112; RU 2233359 C2 20040727; SK 4582002 A3 20020806; TR 200200908 T2 20020821; US 6838043 B1 20050104; ZA 200202652 B 20050928

DOCDB simple family (application)  
**EP 0008548 W 20000901**; AU 7282500 A 20000901; BG 10656402 A 20020402; BR 0014505 A 20000901; CA 2386390 A 20000901; CN 00813811 A 20000901; CZ 20021153 A 20000901; DE 19947869 A 19991005; EE P200200167 A 20000901; EP 00960579 A 20000901; HU P0203698 A 20000901; IL 14886700 A 20000901; JP 2001528253 A 20000901; KR 20027004256 A 20020402; MX PA02002829 A 20000901; NO 20021519 A 20020326; PL 35445000 A 20000901; RU 2002112342 A 20000901; SK 4582002 A 20000901; TR 200200908 T 20000901; US 11005302 A 20020621; ZA 200202652 A 20020404