

Title (en)
IMPROVED BINDER FIBER AND NONWOVEN WEB COMPRISING BINDER FIBER AND ABSORBENT

Title (de)
VERBESSERTE BINDEFASERN UND VLIESTOFF MIT BINDEFASERN UND ABSORBIERENDEM MATERIAL

Title (fr)
FIBRE DE LIAGE AMELIOREE ET NONTISSE COMPRENANT DES FIBRES DE LIAGE ET UN ABSORBANT

Publication
EP 1359240 A1 20031105 (EN)

Application
EP 03008859 A 20030428

Priority
US 13714102 A 20020502

Abstract (en)
Making suitable nonwoven webs requires good adhesion between the binder and the absorbent material. The present invention relates to a nonwoven web having improved adhesion based on tackifiers present in the binder. Optionally, the binder with tackifier may also contain an adhesion promoter, usually grafted polyolefins, and an enhancement agent, usually inactive inorganic compounds in powder form. The web comprises from about 5 to about 25% by weight binder fiber and from about 75 to 95% by weight absorbent. The absorbent may be a natural absorbent or a super absorbent polymer or a combination of these. The binder fiber contains less than about 40% by weight tackifier. Tackifier is selected from the class of rosin, rosin esters, terpene based, piperylene based, and hydrocarbon based compounds.

IPC 1-7
D04H 1/42; D04H 1/54; D04H 1/58; D04H 3/12; D04H 3/14; D04H 5/06; D01F 8/06; D01F 8/10; D01F 8/12; D01F 8/14

IPC 8 full level
D01F 8/04 (2006.01); **C09J 7/04** (2006.01); **D01F 8/06** (2006.01); **D01F 8/10** (2006.01); **D01F 8/12** (2006.01); **D01F 8/14** (2006.01); **D04H 1/42** (2012.01); **D04H 1/54** (2012.01); **D04H 1/58** (2012.01); **D04H 3/12** (2006.01); **D04H 3/14** (2012.01); **D04H 5/06** (2006.01)

CPC (source: EP US)
D01F 8/06 (2013.01 - EP US); **D01F 8/10** (2013.01 - EP US); **D01F 8/12** (2013.01 - EP US); **D01F 8/14** (2013.01 - EP US); **D04H 1/4291** (2013.01 - EP US); **D04H 1/4334** (2013.01 - EP US); **D04H 1/435** (2013.01 - EP US); **D04H 1/43828** (2020.05 - EP US); **D04H 1/43835** (2020.05 - EP US); **D04H 1/54** (2013.01 - EP US); **D04H 1/587** (2013.01 - EP US); **D04H 1/64** (2013.01 - EP US); **D04H 3/12** (2013.01 - EP US); **D04H 3/14** (2013.01 - EP US); **D04H 5/06** (2013.01 - EP US); **Y10T 428/2929** (2015.01 - EP US); **Y10T 442/637** (2015.04 - EP US)

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Designated contracting state (EPC)
DE DK IE

DOCDB simple family (publication)
EP 1359240 A1 20031105; **EP 1359240 B1 20070404**; BR 0300128 A 20040824; CN 1454954 A 20031112; DE 60312918 D1 20070516; DE 60312918 T2 20071213; DK 1359240 T3 20070806; JP 2003328232 A 20031119; KR 20040030183 A 20040409; TW 200306213 A 20031116; TW I283184 B 20070701; US 2003207639 A1 20031106

DOCDB simple family (application)
EP 03008859 A 20030428; BR 0300128 A 20030123; CN 03103503 A 20030127; DE 60312918 T 20030428; DK 03008859 T 20030428; JP 2003036144 A 20030214; KR 20030005825 A 20030129; TW 92100281 A 20030108; US 13714102 A 20020502