

Title (en)
Improvements in polyester fiberfill.

Title (de)
Polyesterfaserdaune.

Title (fr)
Duvet en fibres de polyester.

Publication
EP 0265221 A1 19880427 (EN)

Application
EP 87309241 A 19871020

Priority
US 92164686 A 19861021

Abstract (en)
Blends of polyester fiberfill and binder fiber, wherein the fiberfill is coated with a hydrophilic poly(alkylene oxide) type finish that cures on to the polyester fibers and so provides improved properties in the eventual bonded product, including combinations of improved durability, soft hand, good bonding, reduced flammability and improved moisture transport.

IPC 1-7
D04H 1/42; **D04H 1/54**; **D06M 15/507**; **D06M 15/53**

IPC 8 full level
B68G 1/00 (2006.01); **D02G 3/02** (2006.01); **D04H 1/02** (2006.01); **D04H 1/42** (2012.01); **D04H 1/54** (2012.01); **D06M 15/507** (2006.01); **D06M 15/53** (2006.01); **D06M 101/00** (2006.01); **D06M 101/16** (2006.01); **D06M 101/30** (2006.01); **D06M 101/32** (2006.01)

CPC (source: EP KR US)
B68G 1/00 (2013.01 - KR); **D04H 1/02** (2013.01 - KR); **D04H 1/435** (2013.01 - EP KR); **D04H 1/43828** (2020.05 - EP US); **D04H 1/43835** (2020.05 - EP US); **D04H 1/43914** (2020.05 - EP US); **D04H 1/43918** (2020.05 - EP US); **D04H 1/54** (2013.01 - EP); **D04H 1/542** (2013.01 - KR); **D06M 15/507** (2013.01 - EP); **D06M 15/53** (2013.01 - EP)

Citation (search report)
• [AD] US 3702260 A 19721107 - JAYNE CLARENCE V, et al
• [AD] US 3416952 A 19681217 - ERIC MCINTYRE JAMES, et al
• [AD] US 4281042 A 19810728 - PAMM GEORGES

Cited by
EP1405937A4; EP0633338A1; US5586350A; EP0314433A3; US5527600A; CN102348838A; EA028321B1; CN107407027A; EP3234244A4; US11598031B2; US8813842B2; US9556541B2; WO8910997A1; WO9311292A1; WO9501475A1; WO9116485A1; WO2010075248A1

Designated contracting state (EPC)
BE CH DE ES FR GB IT LI SE

DOCDB simple family (publication)
EP 0265221 A1 19880427; **EP 0265221 B1 19910717**; CA 1306102 C 19920811; DE 265221 T1 19900705; DE 3771436 D1 19910822; DK 548387 A 19880422; DK 548387 D0 19871020; ES 2013980 A4 19900616; ES 2013980 B3 19920101; FI 874637 A0 19871021; FI 874637 A 19880422; FI 87806 B 19921113; FI 87806 C 19930225; HK 81791 A 19911025; IN 168824 B 19910615; JP H03279453 A 19911210; JP H0478740 B2 19921214; JP S63120148 A 19880524; KR 880005028 A 19880627; KR 900005000 B1 19900716; TR 23129 A 19890410

DOCDB simple family (application)
EP 87309241 A 19871020; CA 549793 A 19871020; DE 3771436 T 19871020; DE 87309241 T 19871020; DK 548387 A 19871020; ES 87309241 D 19871020; ES 87309241 T 19871020; FI 874637 A 19871021; HK 81791 A 19911017; IN 812CA1987 A 19871019; JP 25679290 A 19900926; JP 26615587 A 19871021; KR 870011683 A 19871021; TR 72487 A 19871021