

Title (en)

STRETCH POLYESTER AND ACRYLIC SPUN YARN

Title (de)

ELASTISCHES GESPONNENES GARN AUS POLYESTER UND ACRYL

Title (fr)

FILE EXTENSIBLE POLYESTER ET ACRYLIQUE

Publication

EP 1549789 B1 20061206 (EN)

Application

EP 03770647 A 20031003

Priority

- US 0331556 W 20031003
- US 26437502 A 20021004

Abstract (en)

[origin: US2004067707A1] The invention provides a spun yarn comprising polyester bicomponent staple fiber and acrylic staple fiber. The invention further provides a method for making spun yarns and fabrics. The spun yarn of the invention comprises at least 30 weight percent acrylic staple fiber and from 17 to 45 weight percent polyester bicomponent staple fiber comprising poly(ethylene terephthalate) and poly(trimethylene terephthalate), based on the total weight of the yarn.

IPC 8 full level

D02G 3/04 (2006.01); **D02G 3/32** (2006.01); **D03D 15/56** (2021.01)

CPC (source: EP KR US)

D02G 3/04 (2013.01 - KR); **D02G 3/045** (2013.01 - EP US); **D02G 3/32** (2013.01 - KR); **D02G 3/326** (2013.01 - EP US);
Y10T 442/30 (2015.04 - EP US); **Y10T 442/3146** (2015.04 - EP US); **Y10T 442/40** (2015.04 - EP US); **Y10T 442/444** (2015.04 - EP US)

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

US 2004067707 A1 20040408; AU 2003279139 A1 20040504; BR 0314504 A 20050726; CN 1703543 A 20051130; DE 60310246 D1 20070118;
EP 1549789 A1 20050706; EP 1549789 B1 20061206; JP 2006502321 A 20060119; KR 20050071535 A 20050707; TR 200501193 T2 20050921;
TW 200508437 A 20050301; WO 2004033772 A1 20040422

DOCDB simple family (application)

US 26437502 A 20021004; AU 2003279139 A 20031003; BR 0314504 A 20031003; CN 200380100923 A 20031003; DE 60310246 T 20031003;
EP 03770647 A 20031003; JP 2004543366 A 20031003; KR 20057005674 A 20050401; TR 200501193 T 20031003; TW 92127444 A 20031003;
US 0331556 W 20031003