

Title (en)

Method to make elastic shirting fabric comprising spandex and hard yarn

Title (de)

Verfahren zur Herstellung elastischer Hemdengewebe mit Spandex und hartem Garn

Title (fr)

Procédé de fabrication de tissu de shirting élastique comportant un fil élasthanne et dur

Publication

EP 1873285 B1 20151021 (EN)

Application

EP 07075841 A 20051107

Priority

- EP 05817338 A 20051107
- US 62669804 P 20041110

Abstract (en)

[origin: EP1873285A1] Methods for making stretch shirting fabric having fabric weight less than 175 g/m² and fabric stretch between 15% to 45% in the weft direction are disclosed. A corespun composite elastomeric yarn is produced either (a) by low draft (2.7 x or below) core-spinning of the elastomeric yarn, or (b) by pretreating the corespun composite yarn in steam or heated water at temperatures of at least 110 °C to reduce yarn power before dyeing or weaving. The shirting fabric with such corespun composite elastomeric yarn in the weft meets end-use specifications without heat-setting.

IPC 8 full level

D02G 3/32 (2006.01); **D03D 15/08** (2006.01); **D03D 15/56** (2021.01)

CPC (source: EP)

D02G 3/324 (2013.01); **D02G 3/328** (2013.01); **D03D 15/56** (2021.01)

Cited by

WO2021030562A3

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1873285 A1 20080102; EP 1873285 B1 20151021

DOCDB simple family (application)

EP 07075841 A 20051107