

Title (en)  
CORE SPUN ELASTIC COMPOSITE YARN AND WOVEN FABRIC THEREOF

Title (de)  
ELASTISCHES VERBUNDKERNGARN UND GEWEBE DARAUS

Title (fr)  
FIL COMPOSITE ÉLASTIQUE FILÉ À ÂME ET TISSU TISSÉ LE COMPRENANT

Publication  
**EP 2867393 B1 20201202 (EN)**

Application  
**EP 13889765 A 20130909**

Priority  
CN 2013083149 W 20130909

Abstract (en)  
[origin: WO2015032097A1] The present invention provides a core spun elastic composite yarn comprises a sheath of at least one hard fiber, at least one elastic performance filament and at least one staple spun yarn. Said at least one hard fibers has an English cotton count from Ne 4 to Ne 60, said at least one elastic performance filament has a denier from 20 to 140 and said at least one staple spun yarn is formed from natural and/or synthetic staple fibers having a cotton count of Ne 8 to 100.

IPC 8 full level  
**D02G 3/32** (2006.01); **D02G 3/36** (2006.01); **D02G 3/38** (2006.01); **D03D 15/56** (2021.01)

CPC (source: EP US)  
**D02G 3/04** (2013.01 - US); **D02G 3/32** (2013.01 - US); **D02G 3/324** (2013.01 - EP US); **D02G 3/36** (2013.01 - US); **D03D 15/47** (2021.01 - EP US); **D03D 15/56** (2021.01 - US)

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**WO 2015032097 A1 20150312**; CN 105378166 A 20160302; CN 105378166 B 20180928; EP 2867393 A1 20150506; EP 2867393 A4 20160601; EP 2867393 B1 20201202; HK 1210236 A1 20160415; US 2016024692 A1 20160128

DOCDB simple family (application)  
**CN 2013083149 W 20130909**; CN 201380078086 A 20130909; EP 13889765 A 20130909; HK 15110826 A 20151103; US 201314415142 A 20130909