

Title (en)  
ELECTRICALLY CONDUCTIVE ELASTIC COMPOSITE YARN

Title (de)  
ELEKTRISCH LEITFÄHIGES ELASTISCHES VERBUNDGARN

Title (fr)  
FIL COMPOSITE ELASTIQUE CONDUCTEUR D'ELECTRICITE

Publication  
**EP 1885925 B1 20101006 (EN)**

Application  
**EP 06753876 A 20060524**

Priority  

- EP 2006005008 W 20060524
- EP 05104769 A 20050602
- EP 06753876 A 20060524

Abstract (en)  
[origin: WO2006128633A1] An electrically conductive elastic composite yarn comprises at least one elastic member having a ratio N being drafted length  $L_d$  over relaxed length  $L_r$  N being in the range of 1 to 10. The yarn further comprises more than one metal filament wrapped around the elastic member. The yarn is characterized in that each of the metal filaments is twisted with at least one other of the metal filaments.

IPC 8 full level  
**D02G 3/12** (2006.01); **D02G 3/32** (2006.01); **D02G 3/44** (2006.01)

CPC (source: EP US)  
**D02G 3/12** (2013.01 - EP US); **D02G 3/328** (2013.01 - EP US); **D02G 3/441** (2013.01 - EP US)

Cited by  
DE102019132028B3; WO2021104899A1

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)  
**WO 2006128633 A1 20061207**; AT E483835 T1 20101015; CN 101180423 A 20080514; CN 101180423 B 20110706;  
DE 602006017360 D1 20101118; EP 1885925 A1 20080213; EP 1885925 B1 20101006; SI 1885925 T1 20110131; US 2008282665 A1 20081120

DOCDB simple family (application)  
**EP 2006005008 W 20060524**; AT 06753876 T 20060524; CN 200680017807 A 20060524; DE 602006017360 T 20060524;  
EP 06753876 A 20060524; SI 200630843 T 20060524; US 91577106 A 20060524