

Title (en)

ELECTRICALLY CONDUCTIVE THREAD

Title (de)

ELEKTRISCH LEITFÄHIGES GARN

Title (fr)

ENSEMBLE DE FILS ELECTROCONDUCTEUR

Publication

EP 1537264 A1 20050608 (DE)

Application

EP 03756439 A 20030915

Priority

- DE 0303059 W 20030915
- DE 10242785 A 20020914
- DE 10305872 A 20030213

Abstract (en)

[origin: WO2004027132A1] The invention relates to electrically conductive thread. Said thread comprises at least one elastic core thread, at least one electrically conductive thread that is wound around the core thread and at least one binding thread that is wound around the core thread and is non-electrically conductive. The extensibility of the entire electrically conductive thread is restricted by the binding thread.

IPC 1-7

D02G 3/44; D02G 3/32; D02G 3/12

IPC 8 full level

H05B 3/12 (2006.01); **D02G 3/04** (2006.01); **D02G 3/12** (2006.01); **D02G 3/32** (2006.01); **D02G 3/44** (2006.01); **H01B 5/10** (2006.01);
H05B 3/56 (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); **Y10T 428/2933** (2015.01 - EP US)

Citation (search report)

See references of WO 2004027132A1

Cited by

DE102008037488A1; EP2108724A1; DE202008006017U1; WO2009132606A1; WO2010048948A2; WO2011116943A1; DE102010012545A1;
US9119916B2; US9867934B2

Designated contracting state (EPC)

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

DOCDB simple family (publication)

WO 2004027132 A1 20040401; AT E326563 T1 20060615; AU 2003299049 A1 20040408; CA 2493145 A1 20040401; CA 2493145 C 20090407;
CN 100523341 C 20090805; CN 1671901 A 20050921; DE 10342787 A1 20040513; DE 50303383 D1 20060622; EP 1537264 A1 20050608;
EP 1537264 B1 20060517; ES 2264771 T3 20070116; JP 2005538270 A 20051215; PT 1537264 E 20060929; US 2005282009 A1 20051222

DOCDB simple family (application)

DE 0303059 W 20030915; AT 03756439 T 20030915; AU 2003299049 A 20030915; CA 2493145 A 20030915; CN 03818244 A 20030915;
DE 10342787 A 20030915; DE 50303383 T 20030915; EP 03756439 A 20030915; ES 03756439 T 20030915; JP 2004536872 A 20030915;
PT 03756439 T 20030915; US 7519805 A 20050307