

Title (en)

CONDUCTIVE YARN AND ARTICLE HAVING WIRING LINE THAT IS FORMED OF CONDUCTIVE YARN

Title (de)

LEITFÄHIGES GARN UND ARTIKEL MIT AUS DEM LEITFÄHIGEN GARN GEFORMTER VERDRAHTUNGSLEITUNG

Title (fr)

FIL CONDUCTEUR ET ARTICLE AYANT UNE LIGNE DE CÂBLAGE QUI EST FORMÉE D'UN FIL CONDUCTEUR

Publication

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Application

**EP 21792845 A 20210325**

Priority

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Abstract (en)

[origin: EP4141155A1] [Problem] To provide a conductive yarn which has conductivity that exhibits durability in terms of deformation and tensile force, while being free from the occurrence of twisting or slacking during sewing. The present invention is capable of providing an article that is provided with a flexible wiring line having a free shape by means of an easy method of sewing.[Solution] A conductive yarn which is characterized by comprising a non-twisted high-strength filament yarn, a first conductive filament yarn that covers the high-strength filament yarn with a Z twist, and a second conductive filament yarn that covers the high-strength filament yarn with an S twist. In addition, an article which has a wiring line that is formed of this conductive yarn.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

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- [Y] WO 2009037631 A1 20090326 - KONINKL PHILIPS ELECTRONICS NV [NL], et al
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- [A] US 2012225275 A1 20120906 - HONMA YOSHITERU [JP], et al
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- See also references of WO 2021215190A1

Designated contracting state (EPC)

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DOCDB simple family (application)

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