

Title (en)  
CONDUCTIVE TEXTURED COMPOSITE YARN, AND FABRIC AND CLOTHING

Title (de)  
LEITFÄHIGES TEXTURIERTES VERBUNDGARN, GEWEBE UND BEKLEIDUNG

Title (fr)  
FIL COMPOSITE TEXTURÉ CONDUCTEUR, ET TISSU ET VÊTEMENT

Publication  
**EP 4123071 A4 20240529 (EN)**

Application  
**EP 21772036 A 20210208**

Priority  
• JP 2020048692 A 20200319  
• JP 2021004547 W 20210208

Abstract (en)  
[origin: EP4123071A1] In order to provide a conductive composite textured yarn excellent in electrical continuity and wearing durability thereof, there is provided a conductive composite textured yarn including a conductive yarn a and a non-conductive yarn b that are combined by entanglement, wherein the conductive yarn a is a non-crimped yarn and the non-conductive yarn b is a crimped yarn, the conductive composite textured yarn satisfying all following characteristics: crimp rate (%) of conductive composite textured yarn: 10 to 55, and degree of entanglement (entangled parts/m) of conductive composite textured yarn: 20 to 150.

IPC 8 full level  
**D02G 3/04** (2006.01); **D03D 15/47** (2021.01); **D03D 15/533** (2021.01)

CPC (source: EP KR)  
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Citation (search report)  
• [I] CA 1028138 A 19780321 - DU PONT CANADA  
• [A] JP S6321942 A 19880129 - TORAY INDUSTRIES  
• See references of WO 2021186943A1

Designated contracting state (EPC)  
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