

Title (en)
A FABRIC INTERFACE

Title (de)
TEXTILE SCHNITTFLÄCHE

Title (fr)
INTERFACE SOUS FORME DE TISSU

Publication
EP 1633914 A2 20060315 (EN)

Application
EP 04735633 A 20040601

Priority
• IB 2004050818 W 20040601
• US 47530103 P 20030603

Abstract (en)
[origin: WO2004107831A2] There is provided a flexible, lightweight high-performance electronic fabric interface (30) that can be integral with a wearable garment (60) and can cooperate with any of a variety of different wearable electronics (65) and the like without compromising the comfort and/or durability of the garment (60). The fabric interface is formed from a flexible fiber construction of one or more conductive fibers (10) and one or more non-conductive fibers (20), the non-conductive fibers including one or more fibers having elastomeric properties.

IPC 1-7
D03D 15/00

IPC 8 full level
D02G 3/44 (2006.01); **D03D 15/56** (2021.01); **H05K 3/10** (2006.01); **A41D 1/00** (2018.01)

CPC (source: EP KR US)
A41D 1/002 (2013.01 - KR); **D02G 3/441** (2013.01 - EP KR); **D03D 1/0088** (2013.01 - EP KR); **D03D 15/00** (2013.01 - EP KR US); **D03D 15/56** (2021.01 - EP KR); **H05K 3/10** (2013.01 - EP KR); **A41D 1/002** (2013.01 - EP); **D10B 2101/20** (2013.01 - EP KR); **D10B 2331/04** (2013.01 - EP KR); **D10B 2331/10** (2013.01 - EP KR); **D10B 2401/061** (2013.01 - EP KR); **D10B 2401/16** (2013.01 - EP KR); **D10B 2501/00** (2013.01 - EP KR); **H01H 2203/0085** (2013.01 - EP KR); **H05K 2201/0133** (2013.01 - EP KR); **H05K 2201/0281** (2013.01 - EP KR); **H05K 2201/029** (2013.01 - EP KR)

Citation (search report)
See references of WO 2004107831A2

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 PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2004107831 A2 20041209; **WO 2004107831 A3 20050526**; CN 1798887 A 20060705; EP 1633914 A2 20060315; JP 2007527956 A 20071004; KR 20060016799 A 20060222

DOCDB simple family (application)
IB 2004050818 W 20040601; CN 200480015306 A 20040601; EP 04735633 A 20040601; JP 2006508476 A 20040601; KR 20057023188 A 20051202