

Title (en)
TEXTILE PRODUCT AND PRODUCTION METHOD THEREFOR

Title (de)
TEXTILPRODUKT UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)
PRODUIT TEXTILE ET SON PROCÉDÉ DE PRODUCTION

Publication
EP 3640384 A4 20210120 (EN)

Application
EP 17910732 A 20171219

Priority
• JP 2017104834 A 20170526
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Abstract (en)
[origin: EP3640384A1] The present invention provides a textile product and a method of manufacturing thereof, the textile product being applicable also to a target product having a complicated shape because an electric/electronic function is given to the textile product. The present invention is a textile product manufactured by using a knitted or woven fabric, wherein the knitted or woven fabric comprises a knitted or woven filamentous electronic-function member in at least part of the knitted or woven fabric, wherein the electronic-function member comprises a core portion comprising at least two metal wires, an insulating layer that covers the at least two metal wires so as to expose part of the at least two metal wires, and an electronic-function portion electrically conducted to each of the at least two metal wires and a sheath portion comprising a knitted fabric that covers the core portion, and wherein a yarn containing thermoplastic resin is included in at least part of the knitted fabric of the electronic-function member, and/or the yarn containing thermoplastic resin is interwoven with the electronic-function member.

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Citation (search report)
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• [A] EP 1553638 A1 20050713 - NAKATA JOSUKE [JP]
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• See references of WO 2018216253A1

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EP 17910732 A 20171219; CN 201780091196 A 20171219; JP 2017045571 W 20171219; JP 2019519452 A 20171219; US 201716616716 A 20171219