

Title (en)
COLOR-CHANGING FABRIC AND APPLICATIONS

Title (de)
FARBVERÄNDERNDES GEWEBE UND ANWENDUNGEN

Title (fr)
TISSU À CHANGEMENT DE COULEUR ET APPLICATIONS

Publication
EP 4153799 A1 20230329 (EN)

Application
EP 21808989 A 20210519

Priority
• US 202016880793 A 20200521
• US 2021033216 W 20210519

Abstract (en)
[origin: WO2021236805A1] A color-changing product includes a fabric and a color-changing fiber embroidered into a portion of the fabric. The color-changing fiber includes an electrically conductive core and a coating disposed around the electrically conductive core. The coating includes a thermochromic pigment. A method for manufacturing a color-changing product includes embroidering the first color-changing fiber into a first portion of the fabric; embroidering the second color-changing fiber into a second portion of the fabric; and electrically connecting the electrically conductive core of the first color-changing fiber and the second color-changing fiber to a power source.

IPC 8 full level
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CPC (source: EP)
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Citation (search report)
See references of WO 2021236805A1

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KH MA MD TN

DOCDB simple family (publication)
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