

Title (en)
FUNCTIONAL LEATHER COMPONENT AND METHOD OF MAKING THE SAME

Title (de)
FUNKTIONELLE LEDERKOMPONENTE UND VERFAHREN ZU DEREN HERSTELLUNG

Title (fr)
COMPOSANT EN CUIR FONCTIONNEL ET PROCÉDÉ DE FABRICATION ASSOCIÉ

Publication
EP 3787926 A4 20220223 (EN)

Application
EP 19797012 A 20190501

Priority

- US 201862667178 P 20180504
- US 201816185633 A 20181109
- US 201816186870 A 20181112
- US 2019030130 W 20190501

Abstract (en)
[origin: WO2019213209A1] A functional vehicle component and related methods include a functional leather assembly fixed over a vehicle component. The functional leather assembly includes a leather sheet, a flexible electronic circuit arranged on a first surface of the leather sheet that faces away from the vehicle component, and a pigmented coating arranged over the circuit. The circuit optionally includes one or more electronic components, such as a piezoelectric switch that can be actuated to make or break a conductive path in the circuit. The piezoelectric switch provides a haptic signal that indicates the actuation of the piezoelectric switch. The entire functional leather assembly, including the circuit, may be embossed to provide an embossed pattern to an exposed surface of the functional leather assembly.

IPC 8 full level
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Citation (search report)

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- [YA] US 2016218712 A1 20160728 - BEN ABDELAZIZ OMAR [FR]
- [YA] WO 2017120050 A1 20170713 - KEY SAFETY SYSTEMS INC [US]
- See also references of WO 2019213209A1

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