

Title (en)

GARMENT INTEGRATED ELECTRICAL INTERFACE SYSTEM AND METHOD OF MANUFACTURE

Title (de)

IN KLEIDUNGSSTÜCK INTEGRIERTES, ELEKTRISCHES SCHNITTSTELLENSYSTEM UND VERFAHREN ZUR HERSTELLUNG

Title (fr)

SYSTÈME D'INTERFACE ÉLECTRIQUE À VÊTEMENT INTÉGRÉ ET PROCÉDÉ DE FABRICATION

Publication

EP 3200635 A1 20170809 (EN)

Application

EP 15847342 A 20150929

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Abstract (en)

[origin: WO2016054057A1] A system for electrically coupling a garment to a mating object, the system comprising: a fabric interlayer of the garment including a set of ports; an electronics substrate having a first surface adjacent to a second side of the fabric interlayer and a set of vias through a thickness of the electronics substrate, aligned with the set of ports, and a set of contacts at a second surface opposing the first surface; a mount assembly having a third surface adjacent to the second surface of the electronics substrate and a set of holes aligned with the set of vias and the set of ports, and a set of openings that correspond to and receive portions of the set of contacts, and a fourth surface opposing the third surface and defining a cavity configured to receive and electrically interface the mating object to the electronics substrate; and a set of fasteners.

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