

Title (en)
FABRICATING MULTIFUNCTION FLEXIBLE ADHESIVE PRODUCT WITH SENSING AND WIRELESS COMMUNICATION CAPABILITIES

Title (de)
HERSTELLUNG EINES FLEXIBLEN MULTIFUNKTIONSKLEBEBANDS MIT SENSOR- UND DRAHTLOSKOMMUNIKATIONSFÄHIGKEITEN

Title (fr)
FABRICATION D'UN PRODUIT ADHÉSIF SOUPLE MULTIFONCTION DOTÉ DE CAPACITÉS DE DÉTECTION ET DE COMMUNICATION SANS FIL

Publication
EP 3724287 A4 20211027 (EN)

Application
EP 18887803 A 20181211

Priority

- US 201715842861 A 20171214
- US 201715842867 A 20171214
- US 201715842840 A 20171214
- US 2018064855 W 20181211
- US 201862670712 P 20180511
- US 201862680716 P 20180605

Abstract (en)
[origin: WO2019118440A1] A low-cost, multi-function adhesive tape platform (12) with a form factor that unobtrusively integrates one or more transducers (94) and one or more wireless communication devices (82, 86) in an adhesive product system. In an aspect, the adhesive product system integrates transducer (94) and wireless communication components (82, 86) within a flexible adhesive structure in a way that not only provides a cost-effective platform for interconnecting, optimizing, and protecting the constituent components but also maintains the flexibility needed to function as an adhesive product that can be deployed seamlessly and unobtrusively into various applications and workflows, including sensing, notification, security, and object tracking applications, and asset management workflows such as manufacturing, storage, shipping, delivery, and other logistics associated with moving products and other physical objects.

IPC 8 full level
C09J 7/38 (2018.01); **B32B 7/12** (2006.01); **B32B 27/08** (2006.01); **B32B 27/28** (2006.01); **B32B 27/36** (2006.01); **B32B 29/00** (2006.01); **B32B 37/06** (2006.01); **B32B 37/12** (2006.01); **H04W 4/02** (2018.01)

CPC (source: EP)
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Citation (search report)

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Designated contracting state (EPC)
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US 2018064919 W 20181211; CN 201880089501 A 20181211; EP 18887258 A 20181211; EP 18887803 A 20181211; EP 18887983 A 20181211; EP 18888295 A 20181211; JP 2021509944 A 20181211; US 2018064848 W 20181211; US 2018064855 W 20181211; US 2018064859 W 20181211