Title (en)

STRETCHABLE CONDUCTIVE NANOCOMPOSITE PARTICLES

Title (de)

DEHNBARE LEITFÄHIGE NANOVERBUNDPARTIKEL

Title (fr)

PARTICULES NANOCOMPOSITES CONDUCTRICES ÉTIRABLES

Publication

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Application

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Priority

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- EP 2020062011 W 20200430

Abstract (en)

[origin: WO2020221853A1] The present invention concerns the use of electrically conductive nanocomposite particles comprising a core constituted by a C1-C6 alkyl polyacrylate homopolymer or a C1-C6 alkyl acrylate copolymer and an α,β-unsaturated amide comonomer, a shell constituted by polyaniline, and a non-ionic surfactant for printing on a stretchable substrate. It also concerns a printed stretchable substrate obtained according to the invention and usable, for example, in the field of printed electronics or connected clothing.

IPC 8 full level

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CPC (source: EP US)

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C-Set (source: EP)

C08L 33/08 + **C08L 79/02**

Citation (search report)

See references of WO 2020221853A1

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Designated extension state (EPC)

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