

Title (en)

MODIFIED HYALURONIC ACID AS DOPANT FOR PEDOT AND/OR PPRODOT POLYMERS

Title (de)

MODIFIZIERTE HYALURONSÄURE ALS DOTIERSTOFF FÜR PEDOT- UND/ODER PPRODOT-POLYMERE

Title (fr)

ACIDE HYALURONIQUE MODIFIÉ COMME DOPANT DE POLYMÈRES DE TYPE PEDOT ET/OU PPRODOT

Publication

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Application

EP 21831320 A 20211216

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Abstract (en)

[origin: WO2022129317A1] The present invention relates to the use of a polymer of hyaluronic acid modified by the grafting thereto of at least one of the functions - SO₃ and aromatic rings, as dopant for a polymer formed from one or monomers chosen from EDOT, ProDOT and derivatives thereof. It also relates to an aqueous suspension, or ink, and materials, in particular hydrogels, based on at least one PEDOT and/or PProDOT polymer doped by at least one modified hyaluronic acid polymer according to the invention, and to methods for preparing same, and also to the use thereof in bioelectronic or biosensor devices.

IPC 8 full level

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