

Title (en)  
FORMULATION COMPRISING A P-TYPE ORGANIC SEMICONDUCTOR MATERIAL AND AN N-TYPE SEMICONDUCTOR MATERIAL

Title (de)  
FORMULIERUNG AUS EINEM ORGANISCHEN HALBLEITERMATERIAL VOM TYP P UND EINEM HALBLEITERMATERIAL VOM TYP N

Title (fr)  
FORMULATION COMPRENANT UN MATERIAU SEMICONDUCTEUR ORGANIQUE DE TYPE P ET UN MATERIAU SEMICONDUCTEUR DE TYPE N

Publication  
**EP 3987587 A1 20220427 (FR)**

Application  
**EP 20733627 A 20200622**

Priority  
• FR 1906820 A 20190624  
• EP 2020067378 W 20200622

Abstract (en)  
[origin: WO2020260212A1] The present description relates to a formulation comprising a p-type organic semiconductor polymer comprising a conjugated aryl compound, a conjugated heteroaryl compound or a mixture of two or more of these compounds; an n-type semiconductor material comprising fullerene, substituted fullerene or a mixture of two or more of these compounds; a non-aqueous solvent, wherein the concentration of the p-type organic semiconductor polymer is 12 mg/mL to 17 mg/mL per milliliter of solvent, and the concentration of the p-type organic semiconductor material is 24 mg/mL to 28 mg/mL per milliliter of solvent.

IPC 8 full level  
**H10K 99/00** (2023.01)

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