

Title (en)
CONDUCTIVE POLYMER BLENDS AND METHODS FOR MAKING THE SAME

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Application
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Abstract (en)
[origin: WO9111325A1] Shaped articles such as fibers, films, tapes, rods and the like are fabricated from composites of nonconducting, flexible chain carrier polymers and conjugated polymers. The shaped, composite articles are electrically conductive and also display excellent mechanical properties, i.e., with respect to tensile strength, elongation at break, and the like. They can also exhibit anisotropy as shown by their electrical and optical properties. They can be rendered conductive by doping. Methods of preparing the novel composite articles are disclosed as well.

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IPC 8 full level
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Citation (search report)
• [X] EP 0314311 A2 19890503 - UNIV CALIFORNIA [US]
• [X] EP 0184367 A1 19860611 - POLYPLASTICS CO [JP]
• [A] WO 8901015 A1 19890209 - NESTE OY [FI]
• [A] EP 0328981 A2 19890823 - HOECHST AG [DE]
• See references of WO 9111325A1

Designated contracting state (EPC)
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