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(54) **MICROBIAL NANOWIRES**

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(58) **Field of Classification Search**

None

See application file for complete search history.

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(57) **ABSTRACT**

The application describes electrically conductive nanowires, as well as genetically and/or chemically modified nanowires with modified conductive, adhesive and/or coupling properties.

23 Claims, 20 Drawing Sheets
(8 of 20 Drawing Sheet(s) Filed in Color)