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(54) **BIOPOLYMER-BASED
ELECTROMAGNETIC INTERFERENCE
SHIELDING MATERIALS**

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(57) **ABSTRACT**

An electromagnetic interference (EMI) shielded device
which includes an object to be shielded and an EMI shield-
ing material encompassing the object. The EMI shielding
material is made up of, but not limited to a broadband
biopolymer or polymer dissolved in organic solvents and
shielding guest material. The specific makeup of the shield-
ing material and fabrication procedure of the shielding
material is also included herein.

