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**(54) Title (EN):** ELECTROMAGNETIC REDUCTION MATERIALS, METHODS, AND DEVICES

**(54) Title (FR):** MATÉRIAUX DE RÉDUCTION ÉLECTROMAGNÉTIQUE, PROCÉDÉS ET DISPOSITIFS

**(57) Abstract:**

**(EN):** Extremely-low frequency (ELF) electromagnetic radiation is known to cause deleterious health effects and is a significant byproduct of the use of Wi-Fi routers and other electronic devices. Electromagnetic protection devices and reduction materials which absorb ELF, electromagnetic protection devices comprising such materials, and methods for reducing ELF exposure are described herein.

**(FR):** Il est connu qu'un rayonnement électromagnétique extrêmement basse fréquence (EBF) peut provoquer des effets délétères sur la santé et est un sous-produit significatif de l'utilisation de routeurs Wi-Fi et d'autres dispositifs électroniques. L'invention concerne des dispositifs de protection électromagnétique et des matériaux de réduction qui absorbent le rayonnement EBF, des dispositifs de protection électromagnétique comportant de tels matériaux, et des procédés de réduction de l'exposition au rayonnement EBF.

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