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(54) Title: COMPOSITE MULTIFUNCTIONAL STRUCTURAL MATERIAL FOR HIGH ENERGETIC CHARGED PARTICLE RADIATION SHIELDING

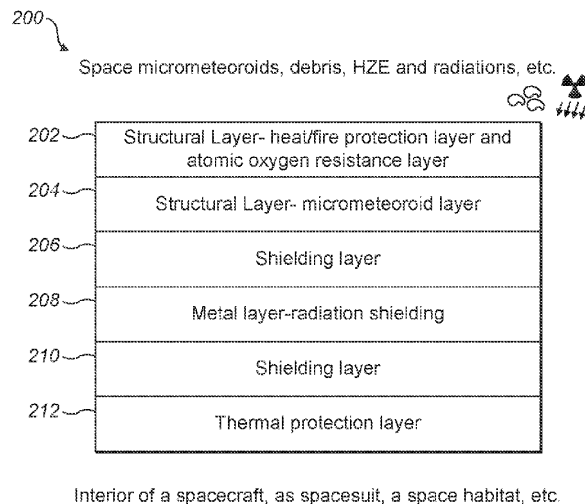


FIG. 2

(57) Abstract: A composite material comprising a first shielding layer (210); at least one metal containing layer (208) over the first shielding layer; and a second shielding layer (206) over said at least one metal containing layer opposite of the first shielding layer; wherein the first shielding layer (210) and the second shielding layer (206) each and/or in combination with other layers of the composite material provide the composite material with radiation shielding characteristics.

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