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(54) Title: ACTIVE MATERIAL AND ELECTRIC POWER GENERATOR CONTAINING IT

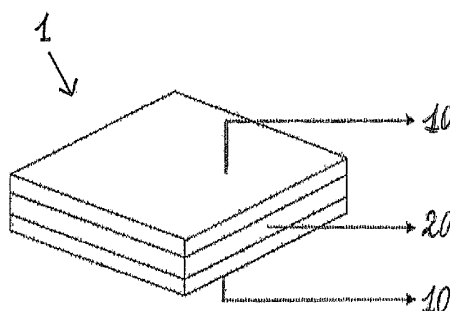


Figure 1

(57) Abstract: The invention relates to an active material comprising at least one oxygen containing compound selected from the group consisting of MgO, ZnO, ZrOCl₂, ZrO₂, SiO₂, Bi₂O₃, Al₂O₃ and TiO₂, at least one thickener additive selected from the group consisting of agar agar, xanthan gum, methylcellulose, and arabic gum, and at least one plasticizer additive, wherein the particle size of the at least one oxygen-based compound has an average diameter in the range from 10 nm to 40 µm. The invention concerns also an electric power generator (EPG) comprising at least a first electrode (11) and a second electrode (12), wherein the electric power generator comprises the active material between said electrodes (11,12).



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