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(54) Title: COMPOSITE PARTICLES

(57) Abstract: Provided are composite particles for use as an electroactive material for a metal-ion battery, the composite particles comprising: particulate porous frameworks comprising micropores and optionally mesopores; and electroactive material domains located within the pores of the particulate porous frameworks; wherein: P1 is the total volume of micropores and mesopores in the particulate porous frameworks expressed in cm³/g, wherein P1 is at least 0.35; and VP07 is the volume of pores in the particulate porous frameworks with a pore diameter of 0.7 nm or less expressed as a percentage of P1, wherein VP07 is in the range of 5.1-40%; wherein P1 and VP07 are measured by nitrogen gas adsorption.



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