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(71) Applicant: **NEXEON LIMITED** [GB/GB]; 136
EASTERN AVENUE, MILTON PARK, ABINGDON,
OXFORDSHIRE OX14 4SB (GB).

(72) Inventors: **WHITTAM, Joshua**; c/o NEXEON LIMIT-
ED, 136 EASTERN AVENUE, MILTON PARK, ABING-
DON, OXFORDSHIRE OX14 4SB (GB). **FRIEND,**
Christopher; c/o Nexeon Limited, 136 Eastern Avenue,
Milton Park, Abingdon, Oxfordshire OX14 4SB (GB).
MASON, Charles; c/o Nexeon Limited, 136 Eastern Av-
enue, Milton Park, Abingdon, Oxfordshire OX14 4SB
(GB). **CHIACCHIA, Mauro**; c/o Nexeon Limited, 136
Eastern Avenue, Milton Park, Abingdon, Oxfordshire
OX14 4SB (GB). **MEOTO, Silo**; c/o Nexeon Limited,
136 Eastern Avenue, Milton Park, Abingdon, Oxfordshire
OX14 4SB (GB).

(74) Agent: **GILL JENNINGS & EVERY LLP**; The
Broadgate Tower, 20 Primrose Street, London EC2A 2ES
(GB).

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(54) Title: ELECTROACTIVE MATERIALS FOR METAL-ION BATTERIES

(57) Abstract: The invention relates to a particulate material and processes for the preparation thereof. The particulate material consists of a plurality of composite particles. The composite particles comprise a porous particle framework comprising micropores and/or mesopores. The total pore volume of micropores and mesopores as measured by gas adsorption is in the range from 0.4 to 2.2 cm³/g. The composite particles comprise a plurality of electroactive material domains and a plurality of modifier material domains disposed within the internal pore volume of the porous particle framework. At least a portion of the modifier material domains are located between adjacent electroactive material domains.

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