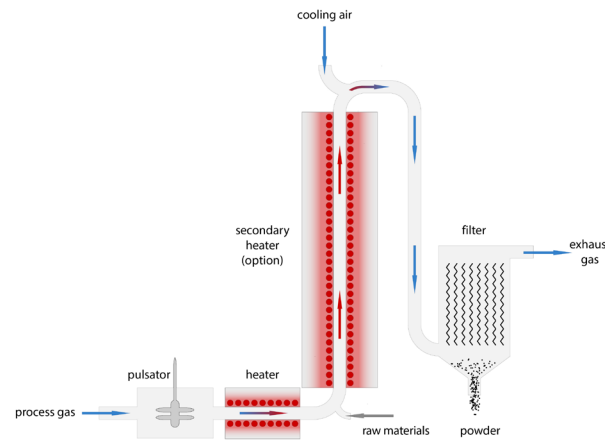
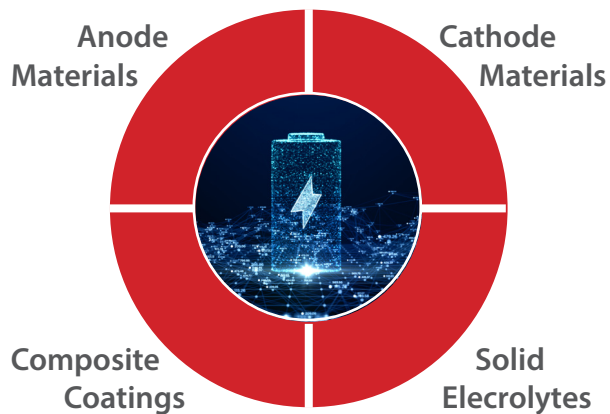


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ACTIVE BATTERY MATERIALS AND SOLID ELECTROLYTES FOR SOLID STATE BATTERIES

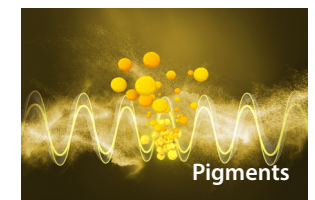
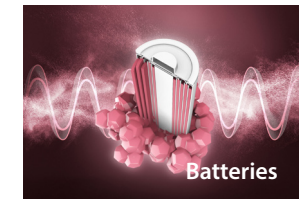
The innovative solution for your next generation of powder materials.



Specific features

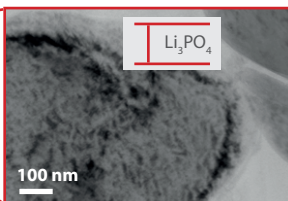
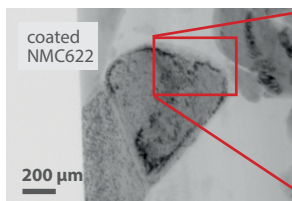
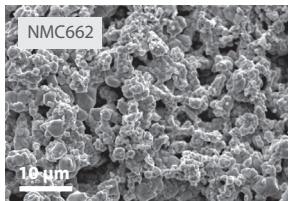
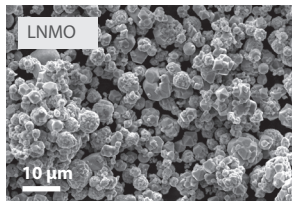
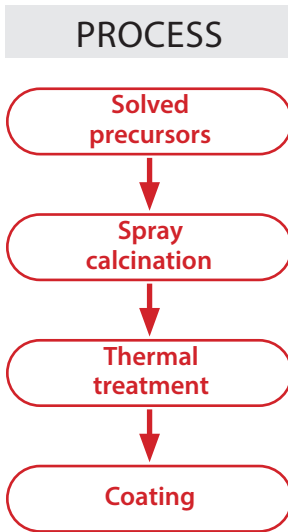
- Variable process gas control using electrical heating elements
- Variable process parameters
- Operating range from room temperature to 1300°C
- Residence times <1s
- Preparation of metastable phases is possible
- Turbulent flow profile
- Special thermodynamic conditions in the pulsating gas stream
- No hot spot formation

Addressing markets

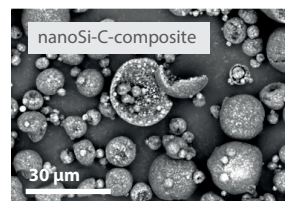
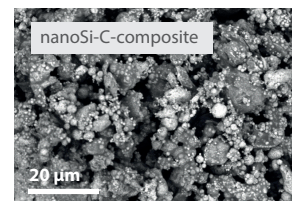
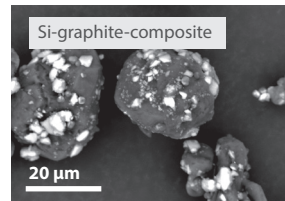
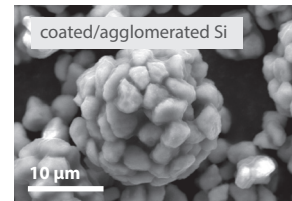
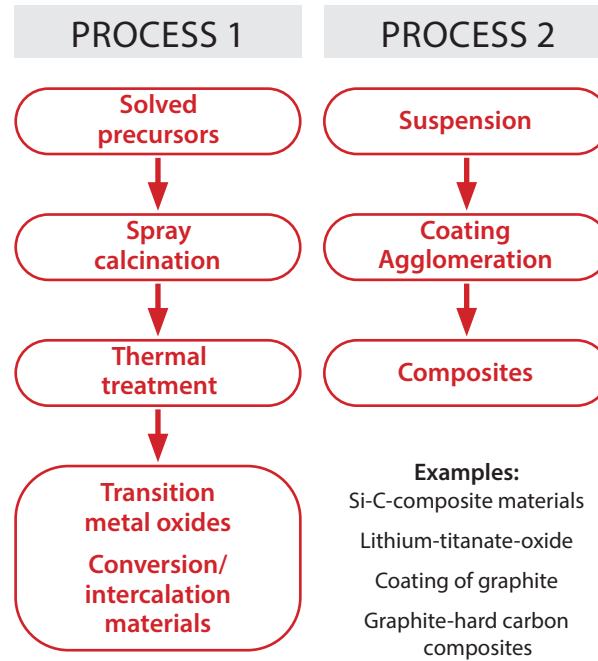


PREPARATION AND COATING OF CATHODE MATERIALS

- Variable use for materials with layered oxide, spinel and olivine structure
- Freely selectable stoichiometry like NMC-types, NCA, LNMO, LFP, LMFP, LMR/HE-NMC
- Freely adjustable process parameters that have different influences on the properties like density, PSD, ..
- Freely adjustable precursor materials like acetates, oxides, nitrates and carbonates
- Coating of active materials with inorganic and organic protective layer with variable layer thickness



PREPARATION OF ANODE MATERIALS



PREPARATION OF CERAMIC MATERIALS & COMPOSITES

