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(54) Title: PROCESS OF MANUFACTURING HOLLOW SPHERICAL GLASS PARTICLES

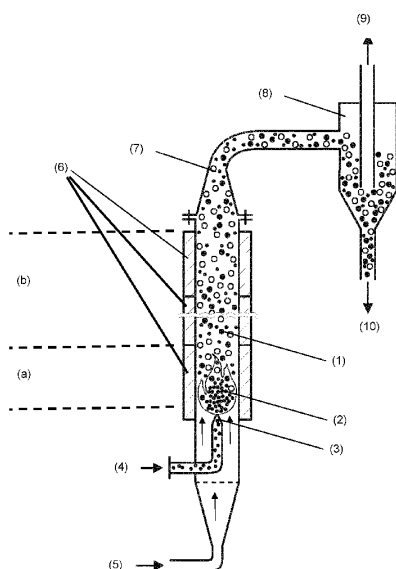


Figure 1

(57) Abstract: Process for the preparation of hollow spherical glass particles comprising at least SiO₂, Al₂O₃, and an alkali metal oxide, wherein the process comprises the preparation of precursor particles comprising at least SiO₂, Al₂O₃, and an alkali metal oxide by mixing the starting materials, slurrying the starting materials with water followed by spray-drying and heat-treating the obtained precursor-particles at a temperature from 1000°C to 1800°C, preferably from 1300°C to 1600°C by contacting the precursor particles with at least one naked flame.

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