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The invention relates to the field of technological physics, in particular to nanotechnology, and consists in developing a process for producing a new type of water spinner that rotates by impulses.

The process, according to the invention, consists in producing three-dimensional hydrophobic nanostructures from gallium nitride (GaN), of a length of up to 50 μm , a diameter of 3...7 μm and a wall thickness of 15...20 nm, placing the liquid droplets with a volume of 50...100 μL over the GaN nanostructures and rotationally stirring the system for 25...40 s for their self-organization in an interconnected layer of nanoparticles, changing the spherical shell density by thinning in two diametrically opposite points using a sharp tip of tweezers, and placing the system on the water surface.

Claims: 1

Fig.: 1