

The invention relates to the machine building and it is intended for automation of technological processes. A method of application of coating on thin-walled cylindrical components includes their catching and immersion into process liquid. The components are placed from below of bearing surfaces of gripping and transportation device, the compressed air is supplied into the clearance between them, air cushion and repulsive force are created, acting in the direction of the force of gravity, magnetic fields directed in the opposite directions act on component act on the component, then they are directed tangentially toward its external surface and press the component to the bearing surfaces, and by magnetic field, which is moved along bearing surfaces, in this case the inequality is created between the values of acting tangentially magnetic fields and the component is rotated around its axis.