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(54) Title: METHOD AND APPARATUS FOR CONTROLLING THE BOUNDARY OR WALL LAYER OF A CONTINUOUS MEDIUM (57) Abstract The present invention relates to the field of aerohydrodynamics and heat and mass transfer and especially relates to a method and an apparatus for controlling the boundary layer or the wall layer of a continuous medium consisting of gases, liquids and/or their mixtures in the vicinity of a surface (1) for changing the flow structure, turbulence level, transfer of the impulse, transfer of heat and/or admixtures by influencing of the flow and changing of the velocities of the continuous medium particles. 		