

A method for production of packing of magnetic filter relates to the field of cleaning of liquid and gaseous fluids in the magnetic field. The method can be used in microelectronics for catching of rare elements and compounds and in food industry for removal from water of magnetic and harmful admixtures. The method consists in locating of magnetic powder on the support and application of the permanent magnetic field. Packing forming is performed by application to the powder of N_0 impulses of magnetic field with amplitude H_2 . Thus, the value of H_2 is preliminary determined subject to the dependence of diameter of area occupied by separate elements from the amplitude of the external field, and the value N_0 is determined from dependence of amount of clusters in the array of magnetic particles from the amount of impulses of the external field, which, in its turn, depends on type, dispersion and form of material. The minimum size of separate element of packing is achieved, that is, maximal gradient of magnetic field.