

The invention relates to purification means of gas flows and can be used for different processes of separation of drops of arbitrary liquids from air flow. A drop catcher consists of common metal frame installed on earthed body, with parallel metal planes, and insulated metal frame that is installed on high-voltage insulators placed between that one and the body, with electric connection with one of poles of high voltage source, and common frame of parallel planes – with the other pole of the source. On electrically insulated metal frame rigid metal rods with needle-like wires at the ends are installed. Improvement of quality of electric field is achieved in zone of catching, and possibility of installation of catcher in any direction of arrangement of output air channel.