

The invention relates to the air and gas purification, and may be used in many branches of industry for preventing the spread of dust, smoke and other polluting products.

The installation for purification of air released by a source placed, preferentially, onto the conveyer belt contains a polluted air removing device, including air conduits with longitudinal chink-like nozzles, placed along the conveyer belt, some of them, intake, are joined by polluted air outlet pipelines with the suction branch pipe of the fan, and another one, influent-with the purified air source. Novelty consists in that the installation additionally contains a polluted air purifying device which is joined by the air conduit with the discharge branch pipe of the fan. The intake air conduits are symmetrically placed on both sides of the conveyer belt, the axes of their chink-like nozzles, directed towards each other, are parallel to the belt canvas. The influent air conduit is connected to the purified air pipe-line of the purifying device and mounted above the conveyer belt along its central axis, and the axes of the chink-like nozzles, which are symmetrically made into its walls in two rows, are oriented at an angle about the axes of the corresponding nozzles of the intake air conduits.

Claims: 1

Fig.: 1