

The invention relates to flotation apparatuses for purifying the liquid from soluble and insoluble substances and can be used, for example, for purifying water in different fields of industry and in life. The apparatus comprises ejector, mixer, separator for separating liquid and foam, and fittings for supplying liquid and gas and withdrawal of foam and purified liquid. The ejector being disposed inside the body, in which in lower part, under liquid solution there is an open end of tube which is led outside the body and represents a gas supply fitting, and inside the mixer there are tubes disposed along it, which output ends are made in the form of disc and are curved tangentially. The separator flow stabilizer is made in the form of disc disposed across with a gap relative to the separator body. A chamber with perforated bottom being disposed between the foam withdrawal fitting and separator top. The proposed solution allows to reduce the apparatus sizes due to a compact disposition of the apparatus elements, clean air being supplied to the ejector which bubbles through the liquid, improve the liquid purification.