

The invention relates to devices for homogenization, emulsification and dispersion of liquid mixtures and can be used in the food, chemical and petroleum-refining industries.

The device for cavitation processing of liquids comprises a body (1) with working chamber, wherein it is placed rigidly mounted onto the drive shaft (3) an activator (2), made in the form of disk, onto which there are fixed cavitation devices (6), and with inlet (5) and outlet (4) branch pipes. Into the disk, in the liquid aspiration zone, there are made holes (7). The cavitation devices (6) are made in section in the form of trapezium and are radially fixed, with the same step, on both sides of the disk of the activator (2) and on the lateral walls of the body (1) with the smaller angle towards the direction of rotation of the activator (2). The cavitation devices (6) on the opposite ends of the disk of the activator (2) can be fixed with a half-step shift.

Claims: 2

Fig.: 4

