

The loading unit of a boiling vessel has housing of the rotor feeding unit with sieves, the back walls of those intersect at angle  $\alpha_7 = 55^\circ \dots 75^\circ$ , the inner surface of the housing with formation of the back cutting edge of the openings of the sieves, with formation with the generatrix of the housing of the angle  $\alpha_1 = 5^\circ$ ; there the rotor rotates, this is installed coaxially in the housing with pockets, it has the back walls with cutting edges at angle  $50^\circ - 70^\circ$ , with orientation to the generatrix of the rotor and direction with the apex towards the side of rotation of the rotor. The sieves have the front edge, and the edges – the front cutting edges and the back cutting edge of the ribs of the sieves arranged at optimal angles.