

The invention relates to mechanical engineering, in particular to mixers and may be used for preparation of dry, semidry, mortar and concrete plastic or rigid mixtures.

The cyclic mixer comprises a body (1) with semi-cylindrical bottom, installed on supports (4), in the end walls of which is mounted a rotary shaft (3) with mixing members, made in the form of radial bars (2), fixed on the shaft (3) in a staggered order with the formation of longitudinal and transverse rows. At the ends of the shaft (3) are fixed diametrically opposite radial scrapers (8). At the ends of the radial bars (2) are mounted longitudinal scrapers (7), inclined relative to the axis of the shaft (3). Each bar (2) of the longitudinal rows, starting from the middle of the row, is placed alternately, with circular displacement relative to the middle rod (2) in the opposite direction of rotation of the shaft (3). Each bar (2) of the transverse rows is placed with longitudinal displacement to the left and to the right relative to the initial position.

Claims: 1

Fig.: 4

