

A hydrocyclone contains cylinder-conic housing with a supply branch pipe, a drain branch pipe, a sandy cap and a cover. In accordance with the invention, the drain branch pipe is made in the form of two coaxial cylinders of different diameter connected with each other. Branch pipe is fastened in the cover of the hydrocyclone by the cylinder of larger diameter, and the length of the cylinder of smaller diameter makes 0.20-0.35 of overall length of the branch pipe at the ratio of diameters of smaller and larger cylinders $1 : 1.25 \div 1 : 2.00$. The invention ensures the increase of efficiency of distribution of materials due to the optimization of the mode of isolation and transport of light fractions.