

A method consists in the supply of primary material at constant speed, aerodynamic action on it during the drop and discharge of obtained components. In this case, the components with greater ash content are blown out from coal sludge products after drying during the drop in the units of overloading on the conveyor, and air flow parameters, height of fall, distance between the place of free fall of sludge products on the surface and the edge of the tape of the next conveyor, the boundary value of the product of volumetric mass by class of coarseness are selected for the concrete coal slime in such a manner that the components with smaller ash content (components with the product of volumetric mass by class of coarseness greater than selected boundary value) under the action of the air flow drop on the surface of the next transport conveyor - conveyor with enriched sludge products, and the components with greater ash content (components with the product of volumetric mass by class of coarseness smaller than selected boundary value) fly after the surface of conveyor and drop into the rock bunker.