

Device for obtaining a granular filler of a heat-insulating material comprises a housing with two lateral inlet pipes for the coolant, tangentially connected to the housing from opposite sides, and end upper and lower walls. Contains loading and unloading hoppers, the end upper and lower walls of the housing are formed by the side surfaces of truncated cones, turned with a larger base to the housing, inside the loading hopper, made in the form of a truncated cone, turned with a smaller base to the housing and located coaxially with it, are placed coaxially, with the formation of an annular channel connected to a source of compressed air. Contains an air supply pipe and a pipe for exhaust gas extraction, the latter being installed with the possibility of adjusting its position vertically, and its lower part is made with a funnel-shaped expansion. At the entrance to the unloading hopper, there is a regulator made in the form of a cone turned with the top down, and the regulator is installed with the possibility of adjusting the annular gap between it and the lower end wall. Wherein one side inlet pipe is located in the upper half of the housing, and the second side inlet pipe is in the lower half of the housing.