

Annotation

This diploma project presents modernization of JSC «ALES» TETS-1 by non-nozzled foam generators of ait-mechanical foam.

There were designed an non-nozzled foam generators of ait-mechanical foam.

They are allow to provide high-efficiency foam's burning with low of gasdynamic's resistance. The dust-catcher included the dispersor provided by dustextinguishing porous net suggested for further intensification of joint processes both gas-mechanical dust generation and micro- and ultra-microscopic dust catching. Each next dust-generating porous structure's net carried-out with increasing sell's size by cleaning gas's direction of move, but dust-extinguishing one carried-out from decreasing sells's size by cleaning gas's move direction. Dustcatching method described in this diploma project.