Claims of the invention.

1. Device for reburning furnace combustion products is arranged above a combustion unit in the form of a hollow body with a bottom inlet hole and a top outlet hole, on the side wall of which hollow body there is formed a horizontal row of evenly distributed air holes, wherein, protrusions are formed to the right- and left-hand sides of each hole on the inside of the body of the device said protrusions serving to feed supplementary air, which comes in via the holes, from the outer holes of the furnace into the body of the device, providing for accelerated incineration of residual combustion products without formation of a vortex in the airflow.

2. The device according to claim 1, wherein said protrusions are rectangular and are parallel to each other.

3. The device according to claim 1, wherein the body of the device is designed in the form of a truncated cone and/or a truncated pyramid and/or a truncated parallelepiped and/or a cylinder.

4. The device according to claim 1, wherein said protrusion are rectangular and the thickness of the rectangular protrusions is less than the thickness of the body of the device.