

The invention relates to heat exchange pipes due to which heating of liquid is performed, this is fed round those, for instance in power industry or in boilers of water heating system. In order to improve combustion products in heat exchange pipe and to increase heat takeoff from it, it has auger-type swirler of gaseous components with axis coinciding with its long axis and cross roughness elements as well, those are arranged as depressions on outer and respective bosses on inner surface as well, placed normally with respect to long axis, in addition between the auger-type swirler and the boss there is a gap.