

The invention relates to contact methods for preparation of gaseous heat carrier for heat supply, in particular in heat-power units. A method for preparation of gaseous heat carrier includes processes of sprinkling to flow of gaseous heat carrier of finely pulverized liquid and its evaporation. Before sprinkling finely pulverized liquid a rate of flow of gaseous heat carrier is increased up to 90 % of acoustic speed, due to that the evaporation of liquid in flow of gaseous heat carrier is performed with increase of its pressure and, respectively, power effectiveness is increased, since to overcome aerodynamical resistance to heat carrier motion there is no need in increase of its pressure, for instance, in supercharger with drive from electric motor with additional electric power consumption.