

The invention relates to the metallurgy, namely, to the devices for drying and warming-up of the lining of metallurgical containers, mainly, of steel-teeming and ladle cars intended for liquid metal, and it can be used in reheating furnaces. A device for drying and warming-up of the lining of metallurgical containers, which contains external pipe and multinozzle tip mounted relative to it with a clearance for formation of annular channel for supply of oxidizer with peripherally located inclined nozzles and one central nozzle located along longitudinal axis of the tip and intended for supply of fuel, moreover, the tip is executed with additional nozzles, which are located in the circle along longitudinal axis of the tip with possibility of connection with the channel for supply of oxidizer, and peripheral inclined nozzles are evenly located on the perimeter of the tip, the axis of each of them is inclined toward longitudinal axis of the tip at an angle from 30 to 60°, the section area of central nozzle makes $1/5$ - $1/7$ of total section area of peripheral nozzles, the diameter of additional nozzles located in parallel to the longitudinal axis of tip exceeds for 1.5 – 2.2 times the diameter of peripheral nozzles, the diameter of the circle of location in the projection of the axes of peripheral nozzles exceeds the diameter of the circle of location in the projection of the axes of additional nozzles exceeds for 1.5 – 1.7 times, and the total section areas of additional nozzles makes 20- 40% of the section area of annular channel.