

The invention relates to metallurgy, in particular to a method for treatment of liquid metal in the intermediate ladle and can be used in fining, modification, alloying of ferrocabon and nonferrous melts at continuous casting. A method for liquid metal treatment in the intermediate ladle comprises simultaneous plasma blowing and heating with plasmaforming gas of vacuum degassed liquid metal in the chamber, which vacuum compacting is carried out directly with melt being processed, constant vacuum degassing of liquid metal is carried out at its movement in a mold of the machine of continuous casting ingots through intermediate ladle and a vertical partition in it with simultaneous plasma-induction heat influence on liquid metal, at that the height of a column of liquid metal over a partition is adjusted with the consumption of plasmaforming gas, and amount of residual pressure in the vacuum chamber. The invention provides the increase of efficiency of processes of metal fining and modification in the stream at its continuous casting and obtaining high-quality continuous casting blank for rolling.