

The invention relates to the ferrous metallurgy. A method for direct obtaining liquid metal consists in solid fuel combustion, matallizing of charge materials, reduction thereof and continuous melting. The processes of matallizing of charge materials, reduction and melting are conducted in the same shaft furnace. As charge materials fine-grained concentrates, noncoking coal and iron-containing wastes of metallurgic production are used. Metallizing is performed under the temperature which is lower by 200-300 °C than temperature of melting. In the melting zone the temperature is held which is higher by 200-300 °C than temperature of the reduction products melting.