

№2283890. Реферат

FIELD: powder metallurgy, namely production of anti-friction materials used for making friction units operating in heavy load condition, particularly in oil production industry.

SUBSTANCE: iron base powder material contains graphite, nickel, molybdenum, copper and manganese sulfide as grease at next relation of ingredients, mass. 5%: graphite, up to 1.5; nickel, 0.5 - 15; copper, 10 -20; molybdenum, 0.5 -2,5; manganese sulfide, 2.5 - 7.0; iron, the balance.

EFFECT: lowered friction factor, increased wear resistance of materials in aqueous medium.

1 tbl