

№2037382

FIELD: chemical engineering. SUBSTANCE: method involves preparing powder mixture; conducting separate pressing of parts of apparatus to be manufactured; applying fine powder suspension onto surfaces to be joined, with composition of suspension being similar to that of parts to be joined; sintering combined with diffusive welding and copper infiltration; effectuating mechanical working. EFFECT: increased efficiency and high quality of sintered product. 2 cl, 2 dwg

