

The invention relates to the pulverulent alloys for bulding up and correction of defects onto the surface of parts of grey cast iron in the mechanical engineering and other branches of industry.

The powdery alloy, preferably for the electric and gas welding of cast iron parts, contains carbon, silicium, manganese and iron. Novelty consist in that the alloy additionally contains zirconium and strontium in the following component ratio, mass %:

carbon	3,7...4,1
silicium	1,3...2,2
manganese	0,3...0,7
zirconium	0,04...0,4
strontium	0,02...0,3
iron	the rest.

The result consists in improving the physical and mechanical properties of the powdery alloy.

Claims: 1