

a 2001 0201

The invention relates to the materials for welding electrodes, which may be used for welding on of parts, operating in corrosive-abrasive wear conditions, directly in the place their exploitation.

The claimed material comprises chromium, nickel, carbon, nitrogen, molybdenum, titanium, aluminium, vanadium, calcium, cerium, niobium and iron in the following component ratio, in mass %:

chromium	6,000...9,000
nickel	3,500...6,200
carbon	0,070...1,200
nitrogen	0,130...0,200
molybdenum	0,600...3,300
titanium	0,060...0,430
aluminum	0,500...1,000
vanadium	0,500...1,000
calcium	0,001...0,100
cerium	0,002...0,300
niobium	0,060...0,450
iron	the rest.

Claims: 1