

Method for applying coatings of cobalt-tungsten-rhenium alloy is carried out with a direct current density of 0.5-4.0 A/dm² at a pH of 8.5-9.5 and a temperature of 50-55 °C in a complex citrate-pyrophosphate electrolyte containing cobalt sulfate, sodium citrate, potassium pernat, sodium sulfate, and potassium pyrophosphate. Sodium tungstate and electrolyte capable of depositing cobalt-tungsten-rhenium alloy coatings are added to electrolyte, containing the following components in the following concentrations, g/dm²:

CoSO ₄ ·7H ₂ O	25-35
Na ₂ WO ₄ ·2H ₂ O	60-65
KReO ₄	3-15
Na ₃ C ₆ H ₅ O ₇ ·5,5 H ₂ O	85-90
Na ₂ SO ₄ ·10 H ₂ O	90-100
K ₄ P ₂ O ₇	65-70,

wherein electrolyte pH is 8.5–9.5.