

A process for conditioning an external surface of mold element for continuous metals casting made from copper or copper alloy, to intensify the process and reduce costs comprises the element surface preparation, nickelizing in an aqueous solution of nickel sulfamate, containing from 60 to 100 g/l of nickel, when placing the element as cathode, then, after using the element, a partial or a full nickel removal from the element surface using thereof as anode and electrolyte, containing 60-100 g/l of nickel and 20-80 g/l of sulfamic acid, the second nickelizing the surface, at that, if necessary, with a preliminary preparation of the exposed surface. The preparation comprises successive operations of the element exposed surface degreasing, pickling thereof in the acid oxidizing medium and polishing.