

Title (en)

REMOVING SURFACE OXIDES FROM COPPER

Title (de)

ENTFERNUNG VON OBERFLÄCHENOXIDEN VON KUPFER

Title (fr)

RETRAIT DES OXYDES DE SURFACE DU CUIVRE

Publication

**EP 1552042 A1 20050713 (EN)**

Application

**EP 03740525 A 20030717**

Priority

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- FI 20021425 A 20020731

Abstract (en)

[origin: WO2004011699A1] The invention relates to a method for improving the quality of an object made of a copper-based metal alloy, according to which method the object is treated at least in an oxide removal unit (3), so that in the oxide removal unit, oxides are removed from the object surface by means of cathodic reduction. The invention also relates to an arrangement for realizing the method according to claim 1 in order to improve the quality of an object made of a copper-based metal alloy, said arrangement comprising at least an oxide removal unit. Which arrangement includes elements for realizing a cathodic reduction, such as an anode (6), a cathode (5) and an electrolyte (11), so that the access of the oxygen created on the anode to the cathode is prevented by a membrane (18) that is impermeable to oxygen.

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**C25F 1/04**

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