

**Method and device for regulating the metal ion concentration in an electrolyte fluid as well as application of said method and use of said device**

**Abstract:**

In order to regulate the metal ion concentration in an electrolyte fluid serving to electrolytically deposit metal and additionally containing substances of an electrochemically reversible redox system, it has been known in the art to conduct at least one portion of the electrolyte fluid through one auxiliary cell **2** provided with one insoluble auxiliary anode **20** and at least one auxiliary cathode **30**, a current being conducted between them by applying a voltage. Accordingly, excess quantities of the oxidized substances of the redox system are reduced at the auxiliary cathode **30**, the formation of ions of the metal to be deposited being reduced as a result thereof. Starting from this prior art, the present invention relates to using pieces of the metal **30** to be deposited as an auxiliary cathode.

**(Fig. 2)**



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