

Title (en)  
ELECTROLYTIC PROCESS APPARATUS

Title (de)  
GERÄT FÜR ELEKTROLYSEVERFAHREN

Title (fr)  
APPAREIL DE TRAITEMENT ÉLECTROLYTIQUE

Publication  
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Application  
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Priority  
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Abstract (en)  
[origin: GB2473617A] Electrolytic apparatus, and in particular electroplating apparatus comprises a voltage source for electrically coupling to first 1014 and second electrodes (figure 6, 1008), a detection circuit (figure 6, 36) electrically coupled to the voltage source. A guard 20 for providing a barrier between the first 1014 and second electrodes (figure 6, 1008) is described. The guard 20 is arranged to permit current to travel within an electrolyte between the electrodes 1014, (figure 6, 1008). It includes a guard conductor arranged to be electrically isolated from the electrodes. The conductor is arranged to be electrically coupled to the detection circuit such that the detection circuit (figure 6, 36) can detect the presence of a current path between the guard conductor and either electrode. The conductor may take the form of a coil around the anode 10, a cage-like formation, or may be directly attached to the tank.

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