

Title (en)

Apparatus for the electrolytic recovery of silver

Title (de)

Vorrichtung zur elektrolytischer Rückgewinnung von Silber

Title (fr)

Appareil pour la récupération électrolytique de l'argent

Publication

EP 0611838 B1 19961023 (EN)

Application

EP 94200310 A 19940204

Priority

- EP 94200310 A 19940204
- EP 93200427 A 19930216

Abstract (en)

[origin: EP0611838A1] The apparatus comprises an electrolytic cell (10), an anode (20) and a removable cathode (30) positioned within the cell and encircling the anode and electrical connectors such as (31) outside the cell for the cathode and the anode. The cell (10) includes an electrically conductive annular contact surface (11). Clamping means, such as in the form of a lid fitting in screw thread (13) are provided to clamp a deformable portion (32) of the cathode (30) against the contact surface (11) to complete an electrical connection from the cathode connector (31) to the cathode (30). The electrically conductive annular contact surface (11) is positioned to define an upper opening of the electrolytic cell through which the cathode (30) may be removed. The provision of the annular contact surface (11) in an upper part of the electrolytic cell (10) enables this surface to be above the level of the electrolyte in the cell in use, thus reducing the risk of leakage and corrosion. By providing the annular contact surface (11) at said upper opening, a large contact surface is assured, reducing the risks of a resistive connection occurring. <IMAGE>

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