

---

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA**

(21) **Application No.: 00958/MUMNP/2005**

**A**

(22) **Date of filing of Application: 29/08/2005**

(43) **Publication Date:02/12/2005**

---

(54) **Title of the invention: METHOD FOR REMOVING THALLIUM FROM A ZINC-CONTAINING SOLUTION**

---

(51) **International classification** : C22B 3/24, 61/00

(31) **Priority Document No** : 20030382

(32) **Priority Date** : 12/11/2003

(33) **Name of priority country** : FINLAND

(86) **International Application No and Filing Date:** PCT/FI2004/000087  
24/02/2004

(87) **International Publication No** : WO 2005/047551

(61) **Patent of addition to Application No** : NIL

**Filed on** : N.A.

(62) **Divisional to Application No** : NIL

**Filed on** : N.A.

(71) **Name of Applicant:**

**OUTOKUMPU TECHNOLOGY OY**

**Address of the Applicant:**

**RIIHITONTUNTIE 7, FIN-02200 ESPOO,  
FINLAND**

(72) **Name of the Inventor:**

**JARVINEN AIMO**

**Filed U/S 5(2) before The Patents (Amendment)  
Act, 2005: NO**

---

(57) **Abstract: This invention relates to a method for removing thallium from a zinc-containing solution. In particular, the method relates to the purification with metallic zinc powder of a solution going to the electrolytic production of zinc. In this method, thallium is removed by means of a lead compound in the solution purification stage, either during the final purification stage or in a purification stage in which cadmium is precipitated.**

**Drawing: NIL.**

**Total Pages: 07**