

Title (en)  
COMPOSITION AND PROCESS FOR TREATING TINPLATE

Title (de)  
ZUSAMMENSETZUNG UND VERFAHREN ZUM BEHANDELN VON VERZINNTEN STAHLPLATTEN

Title (fr)  
COMPOSITION ET PROCEDE DE TRAITEMENT D'UNE FEUILLE DE TOLE EN FER-BLANC

Publication  
**EP 0673445 B1 19990519 (EN)**

Application  
**EP 94902385 A 19931201**

Priority  
• JP 35151892 A 19921209  
• US 9311435 W 19931201

Abstract (en)  
[origin: WO9413855A1] To impart an excellent corrosion resistance and adherence to the surface of tinplate while avoiding the production of sludge in the treatment bath during continuous treatment, a bath is used that contains phosphate ions, from 0.1 to 5.0 g/L of chelating agent, and tin ions; has a pH from 2.0 to 4.5; is essentially free of oxidizing agent and ferric ion; and has an oxidation-reduction potential of  $\leq 450$  mV more oxidizing than a silver-saturated silver chloride reference electrode.

IPC 1-7  
**C23C 22/08**; **C23C 22/23**

IPC 8 full level  
**C23C 22/07** (2006.01); **C23C 22/08** (2006.01); **C23C 22/23** (2006.01); **C23C 22/47** (2006.01)

CPC (source: EP)  
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