

Title (en)
PROCESS FOR REMOVING CONTAMINANTS FROM A TIN SURFACE

Publication
EP 0043680 B1 19841205 (EN)

Application
EP 81302888 A 19810626

Priority
US 16356680 A 19800627

Abstract (en)
[origin: EP0043680A1] An aqueous alkaline cleaning solution for removing lubricants or other soiling contaminants from tin without visibly etching it has a pH of about 11 to 13, imparted by an effective amount of an alkaline component and also contains, serving as inhibitor, from 0.02 g/l to 0.06 g/l of one or more quinones and/or polyhydroxybenzenes, these being either unsubstituted or substituted with halo, alkyl, alkoxy, carboxyl, nitro and/or cyano substituents. To prevent precipitation of the calcium and/or magnesium ions which cause water-hardness the solutions desirably contain at least about 0.1 g/l of a polyelectrolyte. The cleaning process using these solutions is operated at from about 100 DEG F to about 130 DEG F (approx. 38 DEG C to 54 DEG C). A solid cleaning composition or an aqueous concentrate can be dissolved in water to form the desired solution.

IPC 1-7
C23G 1/20; **C23G 1/18**

IPC 8 full level
C23G 1/18 (2006.01); **C23G 1/20** (2006.01)

CPC (source: EP KR)
C23G 1/18 (2013.01 - EP KR); **C23G 1/20** (2013.01 - EP)

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