

Title (en)  
ELECTROLYTIC BATH BASED ON TRIVALENT CHROMIUM

Publication  
**EP 0099793 B1 19870401 (FR)**

Application  
**EP 83401350 A 19830630**

Priority  
FR 8211488 A 19820630

Abstract (en)  
[origin: US4612091A] The present invention relates to an electrolysis bath based on trivalent chromium. This bath is characterized in that it contains a trivalent chromium halide which is neither chelated by a chelating product of chromium nor accompanied by a special organic solvent. Due to simple operational characteristics, this bath makes it possible to obtain commercially interesting results since, with respect to the color, thickness and hardness of the deposits obtained, very close to those of conventional baths based on hexavalent chromium, this with the advantage, over the latter, of having a speed and a yield of deposit which are much greater and conditions of use which are less toxic and less polluting.

IPC 1-7  
**C25D 3/06**

IPC 8 full level  
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Gmelins Handbuch der Anorganischen Chemie, Vol. 52, A1(1962), Seiten 480-482

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