

Title (en)
WHITE TRIVALENT CHROMIUM PLATING BATH AND WHITE TRIVALENT CHROMIUM PLATING METHOD FOR OBJECT TO BE PLATED USING SAME

Title (de)
DREIWERDIGES WEISSES CHROMPLATTIERUNGSBAD UND DREIWERDIGES WEISSES CHROMPLATTIERUNGSVERFAHREN FÜR EIN ZU PLATTIERUNGSFÄHIGES OBJEKT DAMIT

Title (fr)
BAIN DE PLACAGE AU CHROME TRIVALENT BLANC ET PROCÉDÉ DE PLACAGE AU CHROME TRIVALENT BLANC D'OBJET À PLAQUER AU MOYEN DUDIT BAIN

Publication
EP 4379095 A1 20240605 (EN)

Application
EP 22849467 A 20220726

Priority
• JP 2021122970 A 20210728
• JP 2022028711 W 20220726

Abstract (en)
A white trivalent chromium plating bath including a trivalent chromium compound, a complexing agent, a sulfate serving as a conductive salt, a pH buffering agent, and one type or two or more types of sulfur-containing organic compounds represented by the following general formula (I) (in which R represents -H, -NH₂, -OH, -CH₃, -(CH₂)_n-CH₃, or -(CH₂)_n-COOH, n represents an integer of 1 to 4, and X and Y each independently represent CH₂, C=O, or C=S), and a white trivalent chromium plating method using the white trivalent chromium plating bath enable a high plating deposition rate in the trivalent chromium plating bath, and provide an appearance suitable for decorative applications.

IPC 8 full level
C25D 3/06 (2006.01); **C25D 3/10** (2006.01)

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