

Title (en)  
PROCESS FOR THE SIMULTANEOUS ROUGHENING AND CHROME PLATING OF STEEL PLATES AS SUPPORTS FOR LITHOGRAPHIC USES

Publication  
**EP 0170045 B1 19880302 (DE)**

Application  
**EP 85107827 A 19850624**

Priority  
DE 3424528 A 19840704

Abstract (en)  
[origin: US4619742A] A process for producing chromium-plated, steel-based printing plate carriers comprises (A) simultaneously roughening and partially chromium-plating a substrate using alternating current in an electrolyte containing chromium, chloride, sulfate and, if appropriate, strontium ions and then, in the same electrolyte, (B) employing direct current to effect final chromium-plating. The printing plate supports produced in this manner have a uniform surface topography and peak-to-valley height values that are favorable for coating.

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