

Title (en)  
PHOSPHATING PROCESS WITH A METALLIFEROUS RE-RINSING STAGE

Title (de)  
VERFAHREN ZUR PHOSPHATIERUNG MIT METALLHALTIGER NACHSPÜLUNG

Title (fr)  
PROCEDE DE PHOSPHATATION COMPORTANT UNE ETAPE DE RINÇAGE FINAL A BASE DE METAL

Publication  
**EP 0817872 A1 19980114 (DE)**

Application  
**EP 96908083 A 19960320**

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Abstract (en)  
[origin: US6090224A] PCT No. PCT/EP96/01196 Sec. 371 Date Sep. 29, 1997 Sec. 102(e) Date Sep. 29, 1997 PCT Filed Mar. 20, 1996 PCT Pub. No. WO96/30559 PCT Pub. Date Oct. 3, 1996A process for phosphating metal surfaces in which a nitrite- and nickel-free zinc-containing phosphating solution is applied to the metal surfaces which, if desired, are then rinsed and subsequently after-rinsed with an aqueous solution with a pH value of 3 to 7 which contains 0.001 to 10 g/l of one or more of the cations of Li, Cu and Ag.

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