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(54) **Production of lithographic printing plate support**

(57) A process is provided for the manufacture of a support for a lithographic printing plate precursor, the process comprising graining at least one surface of a metallic substrate, applying an anodic layer to at least one grained surface of the substrate, and treating at least one grained and anodised surface of the substrate with an aqueous solution comprising a copolymer of acrylic acid and vinylphosphonic acid whilst applying a constant voltage or constant current. A method is also disclosed for the manufacture of lithographic printing plate precursors which provide plates showing good resistance to abrasion, corrosion, staining and scumming, both on development and on press. Additionally, the plates display excellent coating adhesion in image areas, together with very good exposure latitude and solvent resistance.

EP 1 000 768 A3



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EUROPEAN SEARCH REPORT

Application Number
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A	US 5 262 244 A (PLIEFKE ENGELBERT ET AL) 16 November 1993 (1993-11-16) * claims 1,3 * ---	1-24	
A	US 3 220 832 A (AZOPLATE CORPORATION) 30 November 1965 (1965-11-30) * column 2, line 24 - line 25 * ---	1-24	
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CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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EP 99 20 3681

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