



# World Literature Review

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## Review Covers Recent Issues of Pinturas y Acabados Industriales, GALVANO, Metalloberfläche, Galvanotechnik & Hyomen Gijutsu

### Pinturas y Acabados Industriales

#### March/April 1998 • Vol. XXXX

##### *Plating & Alternative Processes*

- “Plating with Dispersion of PTFE: New Developments & Applications,” E. Oleaga  
“Degradation Test by Sunlight Using Xenon Lamp,” Dr. A. Martello  
“Adhesives: Current State & Perspectives,” A. Jantzen  
“Nickel Anodes,” P. Sánchez Valls

##### *Painting & Powder Coating*

- “Superficial Defects in Paint Films,” C. Vignolo, F. Varela López & A. Calvo

### GALVANO

#### May 1998

- ##### *Painting & Powder Coating*
- “Water-based Paints,” M. Dirckx  
“Economy Jets, Savings & Equipment Maintenance,” D. Fayolle  
“The New Painting Process for the A Class,” S. Sickert  
“Considerations on the Vitreous Transition of Paint Films,” E.V. Schmid

##### *Plating & Alternative Processes*

- “Futuron: A New Process for the Direct Metallization of Plastics,” Dr. H. Middeke  
“Extensive Plasma Cleaning: Answers,” U. Vohrer  
“Chemical Alkaline Tin Plating (Glacier), Part I,” G. Corvée

### *Waste Treatment & Recycling*

- “Soil Auditing: Instructions,” S. Bachelliez

#### *In Situ Wastewater Processing for Small- & Medium-scale Industries*

- “Wastewater Processing with the Biosep® Process Submerged Membrane Activated Sludge,” M. Praderie, H. Buisson, H. Paillard, T. Vouillon

### Metalloberfläche

#### June 1998

##### *Plating & Alternative Processes*

- “Process Technology Based on Minimal Loss of Material at the Pickling Process of Steel,” R. Schwarz, K. Fischwasser, J. Thürk, B. Fenk & D. Hahnwald  
“Combating Bath Drag-out Losses,” R. Baur & D. Heil  
“Professionals in Electrodeposition,” A. Benini & S. Lemke  
“Electrodeposition 2001,” K. Fischwasser  
“Micro-relief Surfaces with Grey Tone Lithography,” U. Hofmann, B. Wagner, K. Reimer & H-J. Quenzer

##### *Cleaning & Pretreatment*

- “Parts Cleaning with Compressed Carbon Dioxide,” N. Dahmen, J. Schön & H. Schmieder

### Galvanotechnik

#### June 1998

##### *Plating & Alternative Processes*

- “Maintaining a Nickel Bath Using

### UV/H<sub>2</sub>O<sub>2</sub> Oxidation, Combined with a Mechanical Separation Stage,” M. Sørensen & J. Weckenmann

#### “Water Recirculation in Vibratory Finishing,” H. Prüller

#### “Applications of Acoustic Microscopy in Thin Film Coatings,” U. Faßbender

#### “Plants for Surface Treatment of Aluminum with Crack Testing for the Automotive & Aerospace Industries,” P. Kimmerl & L. Lamparter

#### “Prevention in Electroplating, Part 3,” H. Feilke

#### “Cost-effectiveness of Automation Concepts,” K. Kahlich

#### “Comparison of Coating Systems in Terms of Shielding Properties,” E. Habiger & J. Wolf

#### “Organic Metals: A New Class of Material for Electronics, Corrosion Protections & ... Part 1: Organic Metal—Properties & Potential Applications Areas,” B. Weßling

### *Cleaning & Pretreatment*

#### “Chemical Plant Striping from Coated Aluminum & Steel,” W. Antony

#### “Cleaning & Degreasing of Components,” J. Leudolph & H.J. Sommer

### *Waste Treatment & Recycling*

#### “An Assessment of Overspray Recycling Processes in Terms of Their Application, Cost-effectiveness & Ecological Impact, Part 1,” Th. Grupp

"Materials Recovery & Effluent Treatment with Ion Exchangers & Adsorbing Resins," M. Gülbas

*Printed Circuit Boards*

- "Structural Studies of Copper Deposits for the Printed Circuit Board Industry," T. Hofmann, T. Mache, T. Jurtschuk & C. Schmidt  
"Wirebonding Properties of Thin Electroless Nickel/Gold Surfaces," H. Osterwinter  
"Effect of Solderstopmasks on the Quality of Populated Printed Circuit Boards," H. Schweigart & K. Leßmann

M. Hino, N. Nishida, M. Hiramatsu, M. Tsujikawa & M. Kawamoto

"Influence of Pigments on Internal Stress in Powder Coatings," K. Kazato, T. Yamashita, Y. Nakayama, Y. Kazuma & K. Takizawa

"Preparation of Corrosion-resistant Nickel-Phosphorus Alloy Thin Film by High-speed Deposition," E. Kotake & T. Yamashita  
"Corrosion Behavior of Ni-plated Stainless-steel Spring," M. Fukushima & K. Takizawa

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GALVANO	011-33-01-30-45-90-50
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Hyomen Gijutsu	011-81-3-3252-3288
Metalloberfläche	011-49-75 81-1756
SURFACES	011-33-01-43-47-30-80
Transactions of the Institute of Metal Finishing	011-44-0121-666-6316

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Hyomen Gijutsu

June 1998 • Vol. 49, No. 6

*Plating & Alternative Processes*

- "Tin Overlay Effect on Corrosion Resistance of Electroless Nickel-Phosphorus Alloy Plating Films," T. Sonoda & Y. Hayashi  
"Electrochemical Behavior for Electroless Deposition of CoFe Alloy on Amorphous Ribbon Substrate," K. Maruyama, M. Masuda, H. Numata, T. Sato & I. Ohno  
"Analysis of Direct Copper Plating Acceleration by Pd/Sn Mixed Catalyst," S. Ono, T. Osaka, K. Naitoh & Y. Nakagishi  
"Statistical Evaluation of Corrosion Characteristics of Bright Ni-Cr Electroplated Steel Panels Subjected to the Outdoor Exposure Test," M. Fujita, S. Yokoyama & S. Matsumoto  
"Polyimide Resist for Photoetching of Fine Ceramics in Hot Phosphoric Acid," E. Makino, T. Shibata & Y. Yamada  
"AC Etching Characteristics of Aluminum in Hydrochloric/sulfuric Acid Solution," E. Suganuma, Y. Tanno, M. Nakano & I. Umetsu  
"Bath Temperature & Voltage Influence on Anodized Films on Aluminum in Organic Alkaline Baths," H. Noguchi & A. Sano  
"Diamond Films Synthesized by DC Plasma CVD with a Diamond Cathode at Low Temperature," M. Abe, S. Hirosawa, H. Yamanaka & Y. Hirose  
"Surface Hardening Treatment of Electroless Ni-P Alloy Coating on Aluminum Alloy by YAG Laser,"

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