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World Literature Review

Review Covers Recent Issues of SURFACES, Galvanotechnik, Metalloberfläche, GALVANO & Hyomen Gijutsu

Columnist's Note: The fax numbers of the non-U.S. publications are provided for the reader so that he or she may contact the publication directly to ask for an article of interest. In some cases, this can only be accomplished by subscribing to the magazine contacted. Other avenues to explore would be to:

- Use the nearest technical library at a local institute or university
- Find a supplier in the industry who might have access to additional information
- Ask if the publication has a website with contact information

Translation services are not offered through AESF, but are available in most cities (see your local "Yellow Pages") at a cost of approximately \$25 to \$50 per page. Expect a turn-around time of up to three weeks for good quality technical translations.

SURFACES

October 1998 • Issue #281

Plating & Alternative Processes
"Pollutec 98," selected subjects

Environmental Concerns

"The Protection of the Environment is Always the Main Point"
"STAS/Technopure for the Development of Clean Technologies"
"Legislation, Regulatory Developments Relative to the Emissions of VOCs"
"Treatment of Industrial Nuisance Odors"

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Plating & Alternative Processes
"Supremacy of Volatiles," editorial
"Application of Paint on Plastic, Same: Precursor Expertise"
"Limiting the Production of Phosphatizing Wastes"
"Zincating Without Chromium 6 &

High-corrosion Resistance," B. Robert, J.J. Duprat & D. Odille
"Solvents of Class A3"
"Technology for Zero Rejects in the Surface Treatment Industry"

Galvanotechnik

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Plating & Alternative Processes

"The Formation, Structure & Properties of Electrodeposited Ni-Co-Mn-8 Coatings, Part 1: Deposit Composition, Internal Stress & Chemical Behavior," N. Atanasov, M. Nikolova & P. Klimanek
"Processes for the Deposition of Metallic Coatings, Part 2," N. Kanani

Health & Safety Concerns

"Prevention in Electroplating, Part 5," H. Feilke

Painting & Powder Coating

"Defect Causes & Defect Analysis in Painted Aluminum," J. Pietschmann

Environmental Concerns

"Coating of Pressure Diecast Aluminum Components Using DC Pulsed PACVD to Increase Service Life: Avoiding Use of Mold-Release Agents for Environmental Reasons," K.-T. Rie, A. Gebauer & C. Pfohl
"Environmental Management in Practice—A Critical Report of Practical Experiences as Seen by a Metal Finishing Company," M. Maiworm

Printed Circuit Technology

"Smaller, Lighter Circuit Assemblies Using Flip-Chips on Flexible Substrates," H. Kober
"SMD Group Assembly Surfaces for Place Mounting," W. Scheel, M. Hannemann & R. Schmidt

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Plating & Alternative Processes

"Jobbing Platers in an Industry Transformation," U. Landau
"Processes for the Deposition of Metallic Coatings, Part 3," N. Kanani
"Passivation of the Cathode Surface During Silver Electrodeposition from a Cyanide Electrolyte, Part 2: Surface Condition of an Unpolarized Silver Electrode in Cyanide-containing Solution," G. Baltrūnas
"Filiform Corrosion of Coated Aluminum Components—Means of Avoiding the Problem & Methods for Durable Repairs, Part 1," J. Freudenberg & J. Pietschmann

Printed Circuit Technology

"HDI Printed Circuit Boards for Cost Reduction," M. Weinhold
"Reliability Studies on Printed Circuit Boards," S. Ehrler

Metalloberfläche

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Cleaning & Pretreatment

"Efficient Cleaning with Robots," B. Heimlich
"Pretreatment as a Challenge," R. Rituper
"Clean Through & Through," H. Specht

Plating & Alternative Processes

"Zinc Whiskers," N. Kanani
"UV-Oxidation for the Maintenance of Electroplating Baths," A. Möbius & L. Jehle

Equipment for Finishing

"Automating Electroplating Plants," R. Freund
"HVLP for High-viscosity Mediums?" N. Lauter

Editor's Note: Thanks to Dorothee Finé (German), Eliane Jeannier (French) and Toshio Iso (Japanese) for translations.

"High-speed Rotary Atomizers for Plastic Parts," H. Graff

Painting & Powder Coating

"Painting Robots for General Industrial Applications," J. Liehr
"Powder Coating of Vehicle Bodies," K. Ortlieb

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Plating & Alternative Processes

"Recycling Peroxodisulfate," W. Thiele
"Galvanic Shaping of Microstructures," U. Michelsen-Mohammadein
"Effectiveness of an Internal Recycling Procedure to Reduce Drag-out," R. Schwarz, C. Bassler, A. Seifert & K. Fischwasser
"Electro-Dip Coating of Aluminum," H.-O. Koebbert
"Formulating the Characteristics of Coating Thickness Measurable in Nanometers," H. Jennett & H.-P. Eickhoff

Environmental Concerns

"Environmentally Friendly Gold Plating," J. Müller, R. Schmidt, H. Griese, M. Hannemann & K.-H. Zuber

Painting & Powder Coating
"Color Change," V. Wellige

GALVANO

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Plating & Alternative Processes

"The Surface Treatment Industry in Algeria," N. Moulai-Mostefa
"Heating of Zinc Baths by Means of Athermazinc," J. Poma
"The Industrial Applications of Buffer Electrolysis," P. Lely
"The Pipe Corrosion Protection of the Water Treatment Station of Halle," J.-L. Pey
"Zinc & Final Coats," E. Jeannier
"Oxidation of Trivalent Chrome," J. Vittonato

Painting & Powder Coating

"Two-component Water-based Clearcoat for the Automotive Industry," E. Frigge & B. Laack
"Abcite®, New Generation Coatings for Corrosion Protection," M. Decodts

Waste Treatment

"Waste Burial—Polluted Sites"

"The VOC Directive in Its Final Stages"

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Painting & Powder Coating

"Akzo Nobel, A World Leader in Painting on Plastics," C. Pellegrini

Plating & Alternative Processes

"Economical & Ecological Zinc Plating," J. Ramisch
"International Conference on Hard & Decorative Chromium Plating"
"Surface Finishing by Means of Osciline® Oscillating Units," C. Fuvelle
"The Center for Surface Finishing Industrial Transfer"

Hyomen Gi jutsu

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Plating & Alternative Processes

"The Technology of Black & Blackish Finish," H. Enomoto
"Theory & Application of Black Chromium Plating," Y. Yamamoto
"Under-potential Deposition of Zn with Iron-group Metals," H. Nakano, T. Akiyama & H. Fukushima

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