

1. Record Nr.	UNINA9910139432803321
Autore	DeRosa Thomas F.
Titolo	Patent applications / / Thomas F. DeRosa
Pubbl/distr/stampa	Hoboken, New Jersey : , : Wiley, , 2009 ©2009
ISBN	1-282-47162-7 9786612471629 0-470-50731-4 0-470-50730-6
Descrizione fisica	1 online resource (665 p.)
Disciplina	346.730486 668.9072
Soggetti	Polymers - Research Patents
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	PATENT APPLICATIONS; CONTENTS; Preface; Introduction; I. ADDITIVES; A. Ink Dispersants; B. Ink Dispersants and Colorants; C. Oil Dispersants; D. Oil Drilling Dispersants; E. Fabric Additives; F. Paint Additives; G. Paint Stabilizers; H. Paper Additives; I. Polymeric Additives; II. ADHESIVES; A. Pressure Sensitive Adhesives; B. Surface Adhesives; C. Thermally Stable Adhesives; III. COSMETICS; A. Topical; IV. CRYSTALLINE MATERIALS; A. Liquid-Crystal Displays; V. DYES; A. Jet Printer Ink; VI. ELECTRICALLY ACTIVE POLYMERS; A. Battery; B. Conducting Polymers; C. Electrodes; D. Photovoltaic Cells E. SemiconductorsF. Transistors; VII. ENERGETIC POLYMERS; A. Explosive Binder; VIII. ENGINEERED PLASTICS; A. Blends; B. Composites; C. Crosslinking Agents; D. High-Performance Polymers; IX. FIBERS; A. High Strength; X. FUEL CELLS; A. Fuel Cell Membranes; B. Proton Conducting; XI. IMPROVED SYNTHETIC METHODS; A. Isocyanates; B. Organometallic Catalysts; XII. INITIATORS/MODIFIERS; A. Free Radical Initiators; B. Free Radical Initiator Modifiers; C. Photoinitiators; XIII. LIGHT-EMITTING POLYMERS; A. Diodes; XIV. MEDICAL POLYMERS; A.

Biodegradable; B. Biomaterials for Dental Applications
C. Biomaterials for DiagnosticsD. Biomaterials for Drug Delivery
Devices; E. Biomaterials for Gene Therapy; F. Biomaterials for
Membranes; XV. NITRIC-OXIDE-RELEASING AGENTS; A. Antirestenosis
Agents; XVI. OPTICAL; A. Intraocular Lenses; B. Optical Fibers; C.
Optical Waveguides; XVII. PHARMACEUTICALS; A. Polypeptides; B.
Radiopharmaceuticals; XVIII. PHOTORESISTS; A. Resists; XIX.
PHOTOTHERAPY; A. Oxygen Generators; XX. RECORDING MATERIALS; A.
Anisotropic Films; XXI. STENTS; A. Cardiovascular; XXII. SUTURES; A.
Adsorbable; XXIII. TISSUE REPLACEMENT; A. Tissue Engineering
XXIV. VISCOELASTIC POLYMERSA. High Viscoelastic Materials;
Contributors; Academic Contributors; Government Contributors;
Industrial Contributors; Index

Sommario/riassunto

A look at where novel polymer chemistry is heading Covering patent literature and process improvements in twenty-four polymer subject areas, Patent Applications: A Tool for Identifying Advances in Polymer Chemistry R &D provides researchers with current polymer research not yet published in journals or patents. The review and analysis by the author offers a more thorough understanding and concise package of the patent application. In addition extensive structure depictions of intermediates, products, and derivatives allow the researcher to better visualize material applications
