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**a. Book I, 1948-1970, Papers and Patents, 1948-1870,
Papers, pp 1-307, Patents, pp 1-329**

Publications

Thesis, Highly Unsaturated Sterinalcohols (1949).

F. Galinovsky and O. Vogl, Chromatographic Separation of Epimeric Steroid Alcohols. *Monatsh. Chem.*, 79, 325 (1948).

F. Galinovsky, O. Vogl and R. Weiser, Synthesis of 2-Piperidine Propionaldehyde: The Structure of Pelletierine. *Monatsh. Chem.*, 83, 114 (1952).

F. Galinovsky, O. Vogl and W. Moroz, Synthesis of Tetrahydrodesoxy-cytisine. *Monatsh. Chem.*, 83, 242 (1952).

O. Vogl and M. Poehm, Reduction of Amino Acids to Amino Alcohols with Lithium Aluminum Hydride. *Monatsh. Chem.*, 83, 541 (1952).

F. Galinovsky and O. Vogl, The Alkaloids of Pomegranate Bark. *Monatsh. Chem.*, 83, 1055 (1952).

K. Eiter, If. Michl and O. Vogl, Ultrasonic Precipitation of Cobalt Sulfide and Nickel Sulfide. *Monatsh. Chem.*, 83, 1208 (1952).

F. Galinovsky and O. Vogl, The Alkaloids of *Cytisus Laburnum*. Abstracts of Papers, 125th ACS Meeting, Kansas City, 32N (1954).

F. Galinovsky, O. Vogl and H. Nesvadba, A New Alkaloid of *Cytisus Laburnum*. *Scientia. Pharm.*, 21, 256 (1953).

O. Vogl and M. Poehm, Reduction of Amino Acids to Amino Alcohols with Lithium Aluminum Hydride. II. *Monatsh. Chem.*, 84, 1097 (1953).

F. Galinovsky, G. Bianchetti and O. Vogl, Racemization of Isopelletierine and Methylisopelletierine, *Monatsh. Chem.*, 84, 1221 (1953).

F. Galinovsky, O. Vogl and H. Nesvadba, The Structure of Laburnine, *Monatsh. Chem.*, 85, 913 (1954).

F. Galinovsky, O. Vogl and W. Moroz, Synthesis of Cytisine: Dehydrogenation of Tetrahydrocytisine to Cytisine. *Monatsh. Chem.*, 85, 1137 (1954).

O. Vogl and G. Bianchetti, Pomegranat Bark Alkaloids. *Monatsh. Chem.*, 86, 1024 (1955).

C. S. Rondestvedt and O. Vogl, Arylation of Maleimide Derivatives by Diazonium Salts, Abstracts of Papers, 126th ACS Meeting, New York, 81-0 (1954).

C. S. Rondestvedt and O. Vogl, Arylation of Maleimides by Diazonium Salts. *J. Am. Chem. Soc.* 77, 2313

(1955).

O. Vogl and C. S. Rondestvedt, The Action of Radical Generators upon Coumarin. *J. Am. Chem. Soc.* 77, 3067 (1955).

C.-S. Rondestvedt and O. Vogl, Effects of Catalysts, pH and Solvent upon the Meerwein Reaction. *J. Am. Chem. Soc.* 77, 3401 (1955).

O. Vogl and C. S. Rondestvedt, The Stereochemistry of the Arylation of Maleic and Fumaric Acid Derivatives, *J. Am. Chem. Soc.* 78, 3799 (1956).

C. S. Rondestvedt, M. J. Kalm and O. Vogl, Further Arylation of Maleimides: Ultraviolet Spectra of Arylmaleimides, Arylmaleic Anhydrides and Arylmaleo- and Fumaronitriles. *J. Am. Chem. Soc.* 78, 6115 (1956).

O. Vogl and E. C. Taylor, A Facile Synthesis of 2-Substituted Adenines. *J. Am. Chem. Soc.* 79, 1518 (1957).

E. C. Taylor and O. Vogl, Synthesis of 2-Substituted Adenines. Abstracts of Papers, 131st ACS Meeting, Miami, 6-N (1957).

O. Vogl and E. C. Taylor, A Direct Synthesis of 2-Aminopyrazine-3-Carboxamides. Abstracts of Papers, 131st ACS Meeting, Miami, 80-0 (1957).

E. C. Taylor, T. S. Osdene, E. Richter and O. Vogl, Some Synthetic Studies on Purines and Related Heterocycles. CIBA Foundation Symposium, Chem. and Biol. Purines. 1957, 20.

E. C. Taylor, O. Vogl and C. C. Cheng, A Facile Synthesis of 2-Substituted Adenines. *J. Am. Chem. Soc.* 81, 2442 (1959).

O. Vogl and E. C. Taylor, A Direct Synthesis of 2-Amino Pyrazine-3-Carboxamides. *J. Am. Chem. Soc.* 81, 2472 (1959).

E. C. Taylor, O. Vogl and P. K. Loeiller, 3-Amino-4(3H)-pteridone. *J. Am. Chem. Soc.* 81, 2479 (1959).

E. C. Taylor, C. C. Cheng and O. Vogl, Hypoxanthine-I-H-oxide, *J. Org. Chem.* 24, 2019 (1959)

O. Vogl, Synthesis of α -Hydroxyisobutyric Acid from Isobutylene. *J. Org. Chem.* 23, 1488 (1958).

O. Vogl, The Polymerization of Aldehydes. *J. Polymer Sci.* 46, 261 (1960).

O. Vogl, Esters and Ethers of Polyaldehydes, *Chemistry and Industry*, 1961, 748.

O. Vogl, Polymerization of Higher Aldehydes. III. Elastomeric Polyacetaldehyde, *J. Polymer Sci., A*, 2, 4591 (1964).

O. Vogl, Polymerization of Higher Aldehydes. IV. Crystalline Isotactic Polyaldehydes: Anionic and Cationic Polymerization, *J. Polymer Sci., A*, 2, 4607 (1964).

- O. Vogl, Polymerization of Higher Aldehydes. V. End-Capped Crystalline Isotactic Polyaldehydes: Characterization and Properties, *J. Polymer Sci., A*, 2, 4621 (1964).
- O. Vogl and W. M. D. Bryant, Polymerization of Higher Aldehydes. VI. Mechanism of Aldehyde Polymerization, *J. Polymer Sci., A*, 2, 4633 (1964).
- E. G. Brame, Jr., R. S. Sudol, and O. Vogl, Polymerization of Higher Aldehydes. VII. Tacticity of Elastomeric Polyacetaldehyde, *J. Polymer Sci., A*, 2, 5337 (1964).
- O. Vogl, Polymerization of Higher Aldehydes, *Polymer Preprints, ACS Polymer Division*, 5, 1126 (1964).
- O. Vogl, W. M. D. Bryant, Le Mechanisme de la Polymerisation des Aldehydes, *Plastiques*, 2, 224 (1965).
- O. Vogl, Polymerization of Aliphatic Aldehydes, *Polymer Preprints, ACS Polymer Division*, 7, 216 (1966).
- E. G. Brame and O. Vogl, NMR Studies on Polyaldehydes, *Polymer Preprints, ACS Polymer Division*, 7, 227 (1966).
- O. Vogl, B. C. Anderson and D. M. Simons, Synthesis of Hexaoxadiamantanes, *Tetrahedron Letters* 4, 415 (1966).
- O. Vogl, Polyaldehydes: Introduction and Brief History, *J. Macromol. Sci., Chem., A1*, (2) 203 (1967).
- O. Vogl, Polymerization of Aliphatic Aldehydes, *J. Macromol. Sci., Chem., A1*, (2) 243 (1967).
- E. G. Brame, Jr. and O. Vogl, NMR Studies of Polyaldehydes, *J. Macromol. Sci., Chem., A1*, (2) 277 (1967).
- O. Vogl, V. Ivansons, H. C. Miller and H. W. Williams, Thermal Degradation Spectra. Instrumentation to Record TGA Results, *J. Macromol. Sci., Chem., A2*, 175 (1968).
- O. Vogl and A. C. Knight, Polyoxamides. I. Preparation and Characterization of Cyclic Oxamides, *Macromoles*, 1, 311 (1968).
- O. Vogl and A. C. Knight, Polyoxamides. II. Polymerization of Cyclic Oxamides, *Macromoles*, 2, 315 (1968).
- O. Vogl, Polyoxamides, Abstracts 19th Annual Meeting of Society of Polymer Science, Japan, p. 22, 1968, Matsuyama, Japan.
- O. Vogl, B. C. Anderson and D. M. Simons, Synthesis of Hexaoxadiamantanes, *J. Org. Chem.*, 34, 204 (1969).
- B. C. Anderson, C. H. Hoover and O. Vogl, Polymerization of Internal Olefins, *Macromoles*, 2, 686 (1969).

PATENTS

- K. Eiter, O. Vogl and H. Michl, Safety Explosive, Austrian Patent 176,784 (1953); C.A. 48, 1004 f (1954)

O. F. L. Vogl, Crystalline Polyaldehydes, Belgian Patent 580,553 (1959)

O. F. L. Vogl, Crystalline Polyaldehydes, Canadian Patent 628,573 (1961)

O. F. L. Vogl, Polyaldehydes and Their Production, British Patent 870,775 (1961); C.A. 55, 2657 a (1961)

O. F. L. Vogl, Crystalline Polyaldehydes, French Patent, 1,235,730 (1960) 29

D. L. Funck and O. F. L. Vogl, Thermally-Stabilized Polyacetaldehyde Elastomers, Process for Their Preparation and Mixture of Same with Polycarboxamides, U.S. Patent 3,001,966 (1961); C.A. S6, 13071 i (1962)

D. L. Funck and O. F. L. Vogl, Thermally-Stabilized Polyacetaldehyde Elastomers, Process for Their Preparation and Mixture of Same with Polycarboxamides, Canadian Patent 684,707 (1964)

O. F. L. Vogl, Stabilized Crystalline Polyaldehydes Having 2-10 Carbon Atoms per Monomer Unit, U. S. Patent 3,184,433 (1965)

O. F. L. Vogl, Stabilized Crystalline Polyaldehydes Having 2-10 Carbon Atoms per Monomer Unit, British Patent 894,399 (1962); C.A. 57, 7470 c (1962)

O. Vogl, Crystalline Stabilized Polyaldehydes Having From 2-10 Carbon Atoms per Monomer Unit, Belgian Patent 613,821 (1961)

O. F. L. Vogl, Process for the Preparation of Linear Crystalline Polymers from Aldehydes, German Patent 1,144,929 (1963)

K. V. Martin and O. F. L. Vogl, Oxymethylene Copolymers, U.S. Patent 3,284,411 (1966); C.A. 66, P 11321 u (1967)

K. V. Martin and O. F. L. Vogl, Oxymethylene Copolymers, British Patent 1,005,761 (1965)

K. V. Martin and O. F. L. Vogl, Copolymers of Oxymethylene and Their. Preparation, French Patent 1,401,637 (1965)

A. C. Knight and O. F. L. Vogl, Polyoxamides, U. S. Application Serial Number 248,300 (1962)

O. F. L. Vogl, Process for Polymerizing Chloral, U. S. Patent 3,454,527 (1969)

O. F. L. Vogl, Chloral-Isocyanate Copolymers, Canadian Patent 820,418 (1969)

O. F. Vogl, Chloral-Isocyanate Copolymers, British Patent 1,151,002 (1969)

O. F. L. Vogl, Chloral-Isocyanate Copolymers and Their Process of Preparation, French Patent 1,528,327 (1968)

O. F. L. Vogl, Process for the Preparation of Chloral-Isocyanate Copolymers, German Patent 1,745,260 (1971)

O. F. L. Vogl, Copolymers of Chloral and Isocyanates, Japanese Patent 46-10184 (1971)

O. F. L. Vogl, Chloral-Ketene Copolymers Canadian Patent 817,486 (1969).

O. F. L. Vogl, Chloral-Ketene Co polymers, British Patent 1,151,003 (1969)

O. F. L. Vogl, Chloral-Ketene Copolymers and Their Process of Preparation French Patent 1,567,895 (1969)

O. F. L. Vogl, Chloral-Ketene Copolymers, German Patent, 1,745,275 (1971)

O. F. L. Vogl, Copolymers of Chloral and Ketenes, Japanese Patent 45-8867 (1970)

O. F. L. Vogl, Chloral Copolymers, U. S. Patent 3,668,184 (1972)

O. F. L. Vogl, Chloral Copolymers, U. S. Patent 3,775,371 (1973)

O. F. L. Vogl, Single-Phase Composites of Chloral Polymers and Copolymers with Addition Polymers; U. S. Patent 3,707,524 (1972)

ADDITIONAL PATENTS, NO COPIES AVAILABLE:

Italian Patent 804,395 (1968)

Italian Patent 20,580A