

U.S. Patents

1. Lewis, D.E.; Utecht, R.E.; Judy, M.M.; Matthews, J.L. "Non-Azo Naphthalimide Dyes." **U.S. Patent No. 5,235,045** [Aug. 10, 1993].
2. Lewis, D.E.; Utecht, R.E.; Judy, M.M.; Matthews, J.L. "Non-azo 1,8-Naphthalimide Dyes for the Detection and Quantitation of a Paramagnetic Metal Cation in a Non-Aqueous Medium." **U.S. Patent No. 5,308,773** [May 3, 1994].
3. Lewis, D.E.; Utecht, R.E.; Judy, M.M.; Matthews, J.L. "Eradication of Pathogenic Biological Contaminants Using Non-Azo Naphthalimide Dyes." **U.S. Patent No. 5,420,136** [May 30, 1995].
4. Lewis, D.E.; Utecht, R.E.; Judy, M.M.; Matthews, J.L. "Fluorescent Method for Monitoring Oil Degradation." **U.S. Patent No. 5,472,878** [December 5, 1995].
5. Lewis, D.E.; Utecht, R.E.; Judy, M.M.; Matthews, J.L. "Non-Azo Naphthalimide Dyes and Uses for Same." **U.S. Patent No. 5,565,551** [October 15, 1996].
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7. Lewis, D.E.; Utecht, R.E.; Judy, M.M.; Matthews, J.L. "Dimeric Non-Azo Naphthalimide Dyes and Uses for Same." **U.S. Patent No. 5,917,045** [June 29, 1999].
8. Utecht, R.E.; Lewis, D.E. "Chemically Substituted Chromophores and Fluorophores of High Solubility and Their Use as Fluid Visualizing Agents." **U.S. Patent No. 6,251,302** [June 26, 2001].
9. Lewis, D.E.; Utecht, R.E.; Judy, M.M.; Matthews, J.L. "Dimeric Non-Azo Naphthalimide Dyes and Uses for Same." **U.S. Patent No. 6,410,505** [June 25, 2002].
10. Kemp, M.C.; Lalum, R.B.; Xie, Z.W.; Cunha, M.A.; Carpenter, R.H.; Shu, Z.; Yu, Y.; Lewis, D.E. "Adduct Having an Acidic Solution of Sparingly-Soluble Group IIA Complexes." **U.S. Patent No. 6,436,891** [August 20, 2002].
11. Kemp; M.C.; Lalum; R.B.; Lewis; D.E.; Carpenter; R.H. "Highly acidic metalated organic acid as a food additive" **U.S. Patent No. 6,572,908** [June 3, 2003]
12. Kemp. M.C.; Lalum, R.B.; Lewis, D.E. "Highly acidic metalated organic acid as a food additive" **U.S. Patent No. 6,808,730** [October 26, 2004]
13. Kemp. M.C.; Lalum, R.B.; Lewis, D.E.; Carpenter, R.H. "Highly acidic metalated organic acid" **U.S. Patent No. 6,881,424** [April 19, 2005]
14. Kemp. M.C.; Lalum, R.B.; Xie, Z.W.; Cunha, M.A.; Carpenter, R.H.; Shu, Z.; Yu, Y.; Lewis, D.E. "Acidic solution of sparingly-soluble Group IIA complexes" **U.S. Patent No. 6,902,753** [June 7, 2005]

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1. Kemp, M.C.; Lalum, R.B.; Xie, Z.W.; Cunha, M.A.; Carpenter, R.H.; Zhang, S.; Yao, Y.; Lewis, D.E. "Adduct having an acidic solution of sparingly-soluble group IIA complexes." **Australian Patent No. 771148** [July 13, 2004].

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2. Kemp, M.C.; Lalum, R.B.; Xie, Z.W.; Cunha, M.A.; Carpenter, R.H.; Zhang, S.; Yao, Y.; Lewis, D.E. "Acidic Solution of Sparingly-Soluble Group IIA Complexes." **WO 00/48469**
3. Kemp, M.C.; Lalum, R.B.; Lewis, D.E.; Carpenter, R.H. "Highly Acidic Composition Comprising an Organic Acid in the Presence of Metal Cations." **WO 02/19846**
4. Kemp, M.C.; Lalum, R.B.; Lewis, D.E.; Carpenter, R.H. "Highly Acidic Metalated Organic Acid as a Food Additive." **WO 02/056712**
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