



TECHNOLOGY

Method for Treatment and Decolorization of Waste Water

OVERVIEW

A method for the treatment and decolorization of waste water containing dyestuff and other organic chemicals used in the manufacture of cosmetic products in which a strong base is added to the waste water at a suitably high temperature to cause flocculation of fatty substances. An oxidizer is added to reduce the hydrophilic character of the remaining organic chemicals, thereby converting the wastewater to a state that can be decolorized with powdered activated carbon, and then simply filtered.

See U.S. Patent 5,429,747.

For more information contact at 301 405-3947, or by email at otc@umd.edu.

CONTACT INFO

UM Ventures
0134 Lee Building
7809 Regents Drive
College Park, MD 20742
Email: umdtechtransfer@umd.edu
Phone: (301) 405-3947 | Fax: (301) 314-9502

Additional Information

INSTITUTION

University of Maryland, College Park

PATENT STATUS

A U.S. patent, # 5,429,747, has issued

LICENSE STATUS

Available for non-exclusive license

EXTERNAL RESOURCES

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