PCT

WORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

9906246-S

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 6 :
C07D 498/10, G03C 1/685

A1

(11) International Publication Number: WO 99/01457

(43) International Publication Date: 14 January 1999 (14.01.99)

(21) International Application Number: PCT/EP98/03994

(22) International Filing Date: 1 July 1998 (01.07.98)

(30) Priority Data:
MI97A01573 3 July 1997 (03.07.97) IT

(71) Applicant *(for all designated States except US)*: GREAT LAKES CHEMICAL ITALIA S.R.L [IT/IT]; Via Cornaggia, 10, I–20123 Milano (IT).

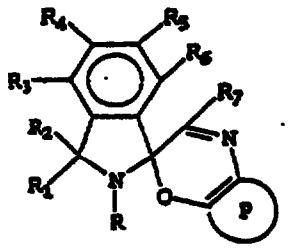
(72) Inventors; and
(75) Inventors/Applicants *(for US only)*: CRISCI, Luciana [IT/IT]; Via S. Angelo, 75, I–20074 Graffignana (IT). GIROLDINI, William [IT/IT]; Via Pascoli, 36/F, I–20097 San Donato M.se (IT). MALATESTA, Vincenzo [IT/IT]; Via Repubblica, 21, I–20090 San Maurizio al Lambro (IT). WIS, Maria, Lucia [IT/IT]; Viale Caldara, 19, I–20122 Milano (IT).

(74) Agents: VAN HEESCH, Helmut et al.; Uexküll & Stolberg, Beselerstrasse 4, D–22607 Hamburg (DE).

(81) Designated States: AU, BR, CA, CN, ID, JP, KR, SG, US, European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE).

Published
With international search report.
Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

(54) Title: PHOTOCHROMATIC COMPOUNDS, PROCESS FOR THEIR PREPARATION AND THEIR USE IN POLYMERIC MATERIALS



(I)

(57) Abstract

Photochromatic compounds belonging to the group of spiro–isoindolino–oxazines having general formula (I). The above photochromatic compounds having general formula (I) have excellent photochromatic characteristics, excellent stress resistance and high dyability characteristics.