

(19) World Intellectual Property Organization
International Bureau(43) International Publication Date
27 June 2002 (27.06.2002)

PCT

(10) International Publication Number
WO 02/049683 A3(51) International Patent Classification⁷: A61L 12/08,
27/00, A45C 11/00, G02B 1/04, G02C 7/04(74) Agents: JOHNSON, Philip, S. et al.; Johnson & Johnson,
One Johnson & Johnson Plaza, New Brunswick, NJ 08933-
7003 (US).

(21) International Application Number: PCT/US01/50817

(22) International Filing Date:
21 December 2001 (21.12.2001)

(25) Filing Language: English

(26) Publication Language: English

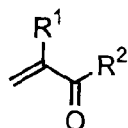
(30) Priority Data:
60/257,030 21 December 2000 (21.12.2000) US(71) Applicant: JOHNSON & JOHNSON VISION CARE,
INC. [US/US]; 7500 Centurion Parkway, Suite 100, Jack-
sonville, FL 32256 (US).(72) Inventors: ZANINI, Diana; 1645 River Road, Jack-
sonville, FL 32207 (US). AZAAM, Alli; 7816 Nassau
Court, Southside Blvd., #221, Jacksonville, FL 32256
(US). FORD, James, D.; 515 Nassau Court, Orange
Park, FL 32003-8063 (US). STEFFEN, Robert, B.; 1158
Blue Heron Lane West, Jacksonville, FL 32250 (US).
VANDERLAAN, Douglas, G.; 8114 Parkridge Circle
South, Jacksonville, FL 32211 (US). PETISCE, James,
R.; 10228 E. Vineyard Lake Road, Jacksonville, FL 32256
(US).(81) Designated States (*national*): AE, AG, AL, AM, AT, AU,
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,
CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW,
MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI,
SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA,
ZW.(84) Designated States (*regional*): ARIPO patent (GH, GM,
KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),
Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR,
GB, GR, IE, IT, LU, MC, NL, PT, SE, TR), OAPI patent
(BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR,
NE, SN, TD, TG).

Published:

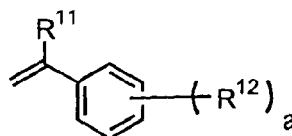
— with international search report

(88) Date of publication of the international search report:
31 July 2003For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

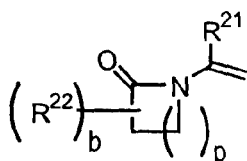
(54) Title: ANTIMICROBIAL CONTACT LENSES AND METHODS FOR THEIR PRODUCTION



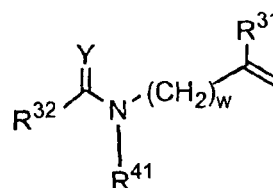
(I)



(II)



(III)



(IV)

(57) Abstract: This invention relates to antimicrobial lenses and methods for their production where the lenses contain silver and a polymerizable monomer of Formula I, II, III or IV, where R¹, R², R¹¹, R¹², R²¹, R²², R³¹, R³², R⁴¹, Y, a, b, p, a, and w are defined herein.

WO 02/049683 A3