

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
24 March 2005 (24.03.2005)

PCT

(10) International Publication Number  
**WO 2005/025843 A2**

- (51) International Patent Classification<sup>7</sup>: **B29D 11/00**, (74) Agent: **GRUBB, Philip**; Novartis AG, Corporate Intellectual Property, CH-4002 Basel (CH).  
B29C 35/08
- (21) International Application Number: PCT/EP2004/010135
- (22) International Filing Date: 10 September 2004 (10.09.2004)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data: 60/502,561 12 September 2003 (12.09.2003) US
- (71) Applicant (for all designated States except AT, US): **NOVARTIS AG** [CH/CH]; Lichtstasse 35, CH-4056 Basel (CH).
- (71) Applicant (for AT only): **NOVARTIS PHARMA GMBH** [AT/AT]; Brunner Strasse 59, A-1230 Vienna (AT).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **DEVLIN, Brian, Gerrard** [GB/US]; 3686 Castle View Court, Suwanne, GA 30024 (US). **MEDINA, Arturo, Norberto** [US/US]; 2951 Satellite Blvd. #513, Duluth, GA 30096 (US). **TENA, Mireille** [CH/CH]; Daettwilerstrasse 19, CH-5405 Baden-Daettwil (CH).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, 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, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:  
— without international search report and to be republished upon receipt of that report
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: METHOD FOR MAKING CONTACT LENSES

(57) Abstract: The instant invention pertains to a method and a fluid composition for producing contact lenses with relatively high edge quality and with relatively high precision and fidelity in reproducing a desired lens design. The method of the invention involves: a mold which has a first mold half with a first molding surface and a second mold half with a second molding surface, wherein the first and second mold halves are configured to receive each other such that the cavity is formed between the first and second molding surfaces which define the opposite two surfaces of a contact lens to be produced; a spatial limitation of actinic radiation to define the edge of the contact lens to be produced; and addition of a radical scavenger in a fluid composition comprising a lens-forming material to reduce substantially the crosslinking/polymerizing, caused by diffused, scattered and/or reflected incident actinic radiation, of the fluid composition outside of and around the spatial limitation of actinic radiation.



WO 2005/025843 A2