

Title (en)

ELECTRO-ACTIVE CONTACT LENS SYSTEM

Title (de)

ELEKTROAKTIVES KONTAKTLINSENSYSTEM

Title (fr)

SYSTEME ELECTROACTIF A LENTILLES DE CONTACT

Publication

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Application

EP 03785296 A 20030808

Priority

- US 0325796 W 20030808
- US 40235702 P 20020809
- US 40309602 P 20020813
- US 26370702 A 20021004
- US 28120402 A 20021028
- US 38714303 A 20030312
- US 42212803 A 20030424

Abstract (en)

[origin: WO2004015460A2] An electro-active contact lens system and a method for making the electro-active contact lens system is disclosed. The system includes a contact lens, an electro-active element attached to the contact lens, a view detector attached to the contact lens and in electronic communication with the electro-active element, and a power source attached to the contact lens. In certain embodiments, the view detector may be a rangefinder which determines the distance of an object being viewed and these embodiments further include a means to stabilize the rangefinder between the opening of the eyelids when the electro-active contact lens system is worn by a wearer. The electro-active contact lens system provides electro-active vision correction of one or more focal lengths.

IPC 8 full level

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CPC (source: EP KR)

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Citation (search report)

- [A] US 4601545 A 19860722 - KERN SEYMOUR P [US]
- [A] US 4477158 A 19841016 - POLLOCK STEPHEN C [US], et al
- [A] US 5444559 A 19950822 - WARNAR ROBERT B J [US], et al
- See references of WO 2004015460A2

Citation (examination)

US 4573774 A 19860304 - SITTERLE GEORGE [US]

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