

Title (en)

CONTACT LENSES AND PROCESSES FOR MANUFACTURING CONTACT LENSES

Title (de)

KONTAKTLINSEN UND VERFAHREN ZUR HERSTELLUNG VON KONTAKTLINSEN

Title (fr)

LENTILLES DE CONTACT ET LEURS PROCEDES DE FABRICATION

Publication

**EP 1694494 A2 20060830 (EN)**

Application

**EP 04789096 A 20040927**

Priority

- US 2004031651 W 20040927
- GB 0322640 A 20030926

Abstract (en)

[origin: WO2005031400A2] The present invention provides a process of preparing a contact lens comprising polymerising a polymerisable mixture, wherein said polymerisable mixture has the principal polymerisable monomers hydroxypropyl methacrylate (HPMA) and 2,3-dihydroxypropyl methacrylate (GMA). In another embodiment, the present invention provides an unhydrated contact lens comprising a polymer containing an alkali metal salt of (meth)acrylic acid and a process of preparing an unhydrated contact lens comprising polymerising a polymerisable mixture, wherein said polymerisable mixture includes an alkali metal salt of (meth)acrylic acid.

IPC 8 full level

**B29D 11/00** (2006.01); **G02C 7/04** (2006.01)

IPC 8 main group level

**G02B** (2006.01)

CPC (source: EP US)

**C08F 220/06** (2013.01 - EP US); **C08F 220/26** (2013.01 - EP); **G02B 1/043** (2013.01 - EP)

C-Set (source: EP)

**G02B 1/043** + **C08L 33/14**

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**WO 2005031400 A2 20050407**; **WO 2005031400 A3 20050818**; CA 2552912 A1 20050407; EP 1694494 A2 20060830; EP 1694494 A4 20090826; GB 0322640 D0 20031029; TW 200519450 A 20050616; ZA 200605987 B 20100127

DOCDB simple family (application)

**US 2004031651 W 20040927**; CA 2552912 A 20040927; EP 04789096 A 20040927; GB 0322640 A 20030926; TW 93129221 A 20040927; ZA 200605987 A 20060719