

Title (en)
CONTACT LENS

Title (de)
KONTAKTLINSE

Title (fr)
VERRES DE CONTACT

Publication
EP 0990191 A4 20060215 (EN)

Application
EP 97916258 A 19970317

Priority
• US 9705279 W 19970317
• US 61841296 A 19960315
• US 77747096 A 19961230

Abstract (en)
[origin: WO9734185A1] A contact lens for use with an asymmetric aspherical cornea. The lens includes an anterior surface, a posterior surface and a base. The posterior and anterior surfaces each include a center optical portion (36) and an outer peripheral corneal portion (34). The posterior surface is divided into a plurality of local surface segments (66) by a plurality of radially extending boundaries that originate from a common center point on the posterior surface of the lens. Each of the local surface segments (66) conforms to the shape of a corresponding local surface portion of the cornea that lies under the respective lens local surface segment when the lens is worn on the eye.

IPC 1-7
G02C 7/04

IPC 8 full level
G02C 7/04 (2006.01)

CPC (source: EP KR)
A61K 9/00 (2013.01 - KR); **G02C 7/02** (2013.01 - KR); **G02C 7/04** (2013.01 - KR); **G02C 7/041** (2013.01 - EP); **G02C 7/047** (2013.01 - EP)

Citation (search report)
• [XA] US 5173723 A 19921222 - VOLK DONALD A [US]
• [X] US 5349396 A 19940920 - ROFFMAN JEFFREY [US], et al
• [X] US 2641161 A 19530609 - SILVERSTEIN SAMUEL W
• [X] FR 908133 A 19460401
• [X] US 5270051 A 19931214 - HARRIS DONALD H [US]
• See references of WO 9734185A1

Designated contracting state (EPC)
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 9734185 A1 19970918; AU 2348397 A 19971001; AU 731311 B2 20010329; BR 9708072 A 19990727; EP 0990191 A1 20000405; EP 0990191 A4 20060215; IL 126219 A0 19990509; IL 126219 A 20030312; JP 2001502810 A 20010227; KR 100566600 B1 20061024; KR 19990087807 A 19991227; NO 984246 D0 19980914; NO 984246 L 19981116; NZ 332017 A 20000623; NZ 504006 A 20020201; PL 184804 B1 20021231; PL 185924 B1 20030829; PL 328802 A1 19990215

DOCDB simple family (application)
US 9705279 W 19970317; AU 2348397 A 19970317; BR 9708072 A 19970317; EP 97916258 A 19970317; IL 12621997 A 19970317; JP 53293297 A 19970317; KR 19980707306 A 19980915; NO 984246 A 19980914; NZ 33201797 A 19970317; NZ 50400697 A 19970317; PL 32880297 A 19970317; PL 35468597 A 19970317