

Title (en)

REFRACTIVE SURGERY KNIFE AND PROCESS.

Title (de)

INSTRUMENT ZUM SCHNEIDEN BEI DER AUGEN-BRECHUNGSSCHIRURGIE.

Title (fr)

BISTOURI POUR CHIRURGIE REFRACTIVE ET PROCEDE.

Publication

EP 0675699 A4 19961204 (EN)

Application

EP 94929364 A 19940927

Priority

- US 9410937 W 19940927
- US 12782193 A 19930928
- US 26377594 A 19940622

Abstract (en)

[origin: WO9508955A1] The refractive surgery keratotomy knife (21) has a handle (23) with a foot plate (27) with an opening (29) for receiving a surgical blade (31). The foot plate (27) is adapted to be placed against the cornea of the eye by being pressed directly into the cornea tissue. The cutting edge (CE) of the blade (31) is located at an acute angle or parallel to the bottom of the foot plate (27) either due to the design of the blade (31) or with the use of an adjusting mechanism of the knife (21). In one embodiment the blade of the knife is flared.

IPC 1-7

A61B 17/32

IPC 8 full level

A61F 9/007 (2006.01); **A61F 9/013** (2006.01)

CPC (source: EP)

A61F 9/0133 (2013.01)

Citation (search report)

- [YA] GB 2113550 A 19830810 - MICROSURGICAL ADMINISTRATIVE S
- [Y] US 2569844 A 19511002 - ABRAHAM BERLINER
- [X] EP 0147318 A2 19850703 - HYDRON LAB [FR]
- [A] US 4724837 A 19880216 - GANNON MARC J [US]
- [Y] DATABASE WPI Section PQ Week 9101, Derwent World Patents Index; Class P, AN 91-005066, XP002015488
- [PA] DATABASE WPI Section Ch Week 9503, Derwent World Patents Index; Class C, AN 95-020349, XP002015489
- [A] DATABASE WPI Section PQ Week 8519, Derwent World Patents Index; Class P, AN 85-115449, XP002015490
- See references of WO 9508955A1

Designated contracting state (EPC)

DE ES FR GB IT SE

DOCDB simple family (publication)

WO 9508955 A1 19950406; AU 7844994 A 19950418; CA 2148118 A1 19950406; EP 0675699 A1 19951011; EP 0675699 A4 19961204; JP H08503878 A 19960430

DOCDB simple family (application)

US 9410937 W 19940927; AU 7844994 A 19940927; CA 2148118 A 19940927; EP 94929364 A 19940927; JP 51042195 A 19940927