

Title (en)
OPTICAL SYSTEM FOR OPHTHALMIC SURGICAL LASER

Title (de)
OPTISCHES SYSTEM FÜR EINEN AUGENCHIRURGIELASER

Title (fr)
SYSTÈME OPTIQUE POUR LASER DE CHIRURGIE OPHTALMIQUE

Publication
EP 2459142 A4 20121212 (EN)

Application
EP 10806846 A 20100722

Priority
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Abstract (en)
[origin: CA2769115A1] A laser system for ophthalmic surgery includes a laser source to produce a pulsed laser beam, an XY scanner to scan the pulsed laser beam in XY directions transverse to a Z axis, a Z scanner, to scan the XY scanned laser beam along the Z axis, and an objective, to focus the XYZ scanned laser beam into a target region.

IPC 8 full level
A61F 9/008 (2006.01); **A61N 5/067** (2006.01); **G02B 26/08** (2006.01); **G02B 26/10** (2006.01); **G02B 27/00** (2006.01); **G02F 1/29** (2006.01)

CPC (source: EP KR)
A61F 9/008 (2013.01 - EP KR); **A61F 9/00825** (2013.01 - EP); **G02B 26/08** (2013.01 - KR); **G02B 26/0875** (2013.01 - EP); **G02B 26/101** (2013.01 - EP); **G02B 27/0031** (2013.01 - EP); **G02B 27/0075** (2013.01 - EP); **G02F 1/29** (2013.01 - KR); **A61F 2009/00848** (2013.01 - EP); **A61F 2009/00859** (2013.01 - EP); **A61F 2009/0087** (2013.01 - EP); **A61F 2009/00872** (2013.01 - EP); **A61F 2009/00897** (2013.01 - EP)

Citation (search report)
• [I] US 2008319428 A1 20081225 - WIECHMANN MARTIN [DE], et al
• [I] US 2008192783 A1 20080814 - RATHJEN CHRISTIAN [DE], et al
• [I] EP 0326760 A2 19890809 - INTELLIGENT SURGICAL LASERS [US]
• [A] DE 10307741 A1 20040902 - ZEISS CARL MEDITEC AG [DE], et al
• See references of WO 2011017019A2

Designated contracting state (EPC)
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DOCDB simple family (publication)
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