

Title (en)
APPARATUS AND METHOD FOR IMAGING

Title (de)
VORRICHTUNG UND VERFAHREN ZUR ABBILDUNG

Title (fr)
DISPOSITIF ET PROCEDE FORMATION D'IMAGES

Publication
EP 1470401 A4 20070829 (EN)

Application
EP 03702096 A 20030110

Priority
• US 0301002 W 20030110
• US 4662002 A 20020112

Abstract (en)
[origin: WO03060446A1] Apparatus for acquiring an image of a specimen comprising a cassette (300, 302a, 302b) having an optical portion (312) holding a specimen array on a TIR surface (314) and being removably matable to a processing portion having a polarized light beam source and a processing polarization sensitive portion to image the spatially distributed charges in polarization of the specimen array. In one form the array optical portion comprises a transparent slide (312) having a bottom surface with first and second gratings located to direct polarized light to the TIR surface (314) and to direct light reflected by that (TIR) surface to an imager, respectively. The apparatus may include a flow cell (316) integral with the optical portion (312) as well as means for selecting the direction and wavelength of the polarized light.

IPC 8 full level
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CPC (source: EP)
G01N 21/21 (2013.01); **G01N 21/552** (2013.01); **G01N 21/553** (2013.01)

Citation (search report)
• [X] WO 9834098 A1 19980806 - BIACORE AB [SE], et al
• [X] EP 0805347 A2 19971105 - FUJI PHOTO FILM CO LTD [JP]
• See references of WO 03060446A1

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