

Title (en)  
MULTISPECTRAL/HYPERSPECTRAL MEDICAL INSTRUMENT

Title (de)  
MULTISPEKTRALES/HYPERSPEKTRALES MEDIZINISCHES INSTRUMENT

Title (fr)  
INSTRUMENT MEDICAL MULTISPECTRAL/HYPERSPECTRAL

Publication  
**EP 1026983 A2 20000816 (EN)**

Application  
**EP 98956323 A 19981030**

Priority  
• US 9822961 W 19981030  
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• US 9304197 P 19971110

Abstract (en)  
[origin: WO9922640A2] A medical instrument that comprises: a first-stage optic responsive to a tissue surface of a patient; a spectral separator optically responsive to the first stage optic and having a control input; an imaging sensor optically responsive to the spectral separator and having an image data output; and a diagnostic processor having an image acquisition interface with an input responsive to the imaging sensor and a filter control interface having a control output provided to the control input of the spectral separator.

IPC 1-7  
**A61B 5/00**

IPC 8 full level  
**A61B 1/00** (2006.01); **A61B 1/05** (2006.01); **A61B 5/00** (2006.01); **A61B 10/00** (2006.01); **A61B 19/00** (2006.01)

CPC (source: EP US)  
**A61B 1/00042** (2022.02 - EP US); **A61B 1/05** (2013.01 - EP US); **A61B 5/0075** (2013.01 - EP); **A61B 5/0084** (2013.01 - EP); **A61B 5/0088** (2013.01 - EP); **A61B 5/1455** (2013.01 - EP); **A61B 90/36** (2016.02 - EP)

Citation (search report)  
See references of WO 9922640A2

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**WO 9922640 A2 19990514**; **WO 9922640 A3 19990819**; AU 1287499 A 19990524; AU 751456 B2 20020815; CA 2308375 A1 19990514; CA 2308375 C 20130409; EP 1026983 A2 20000816; JP 2001521772 A 20011113; JP 2011036695 A 20110224; JP 5174877 B2 20130403

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