

Title (en)
MINIATURIZED OPTO-ELECTRONIC MAGNIFYING SYSTEM

Title (de)
MINIATURISIERTES OPTO-ELEKTRONISCHES VERGRÖßERUNGSSYSTEM

Title (fr)
SYSTEME D'AGRANDISSEUR OPTRONIQUE MINIATURISE

Publication
EP 1159640 A1 20011205 (EN)

Application
EP 99966190 A 19991213

Priority
• US 9929559 W 19991213
• US 11217298 P 19981214

Abstract (en)
[origin: WO0036440A1] An opto-electronic image magnifying system. The magnifying system includes: a light source (38, 39) which illuminates an object to be viewed; a miniaturized opto-electronic magnifier module (MOM), made of a lens (31) and a photodetector array (32), which receives the light from the illuminated object; an electronic circuit (34) which receives the signal from the MOM; a video-monitor (35) which receives the magnified signal from the electronic circuit and displays the image. The opto-electronic image magnifying system allows for small objects or features of small objects to be observed in which historically compound microscopes or specialized optical viewing systems were required to observe the small objects.

IPC 1-7
G02B 3/00

IPC 8 full level
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CPC (source: EP)
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WO 0036440 A1 20000622; AU 2179500 A 20000703; EP 1159640 A1 20011205; EP 1159640 A4 20030122; JP 2002532726 A 20021002; JP 2011043508 A 20110303; JP 5337774 B2 20131106

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