

Title (en)

INFRARED RADIATION SOURCES, SENSORS AND SOURCE COMBINATIONS, AND METHODS OF MANUFACTURE

Title (de)

INFRAROT STRAHLENQUELLEN, ZUSAMMENSTELLUNG VON FÜHLEN UND QUELLEN, UND DAS VERFAHREN DER HERSTELLUNG

Title (fr)

SOURCES DE RAYONNEMENT INFRAROUGE, COMBINAISONS DE DETECTEURS ET DE SOURCE, PROCEDES DE PRODUCTION ASSOCIE

Publication

**EP 1101391 A1 20010523 (EN)**

Application

**EP 99938909 A 19990730**

Priority

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Abstract (en)

[origin: WO0007411A1] A blackbody radiation device (110) includes a planar filament emission element (102) and a planar detector (104) for respectively producing and detecting radiation having width  $d1/1$  less than about 0.1 to test a sample gas, where 1 is the wavelength of the radiation; a reflector (108); a window (W); an electrical control (118); and a data output element (116).

IPC 1-7

**H05B 3/26**; G01J 5/20; G01J 5/52; G01J 3/10; G01N 21/35; G01J 5/00

IPC 8 full level

**G01J 3/10** (2006.01); **G01J 5/08** (2006.01); **G01N 21/35** (2006.01)

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