

Title (en)  
PASSIVE REMOTE SENSOR OF CHEMICALS

Title (de)  
PASSIVER FERNSENSOR FÜR CHEMISCHE SUBSTANZEN

Title (fr)  
TELECAPTEUR PASSIF DE PRODUITS CHIMIQUES

Publication  
**EP 1169631 A4 20070228 (EN)**

Application  
**EP 00937498 A 20000218**

Priority  
• US 0004027 W 20000218  
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• US 12568699 P 19990323

Abstract (en)  
[origin: WO0055602A1] A remote sensor for use as a handheld, mobile or stand-alone sensor has first (12) and second (16) optical paths, light collecting optics, a sample filter (10) assembly positioned in a first optical path (12), a reference filter (14) assembly positioned in a second optical path (16), a detector assembly to detect the filtered light or other radiation, and a detector output comparison device such as a BRD to minimize the effects of common background noise components, differences in light or other radiation source power, and absorption or emission by interfering species.

IPC 1-7  
**G01N 21/29**

IPC 8 full level  
**G01N 21/01** (2006.01); **G01N 21/31** (2006.01); **G01N 21/33** (2006.01); **G01N 21/35** (2014.01); **G01N 21/3504** (2014.01); **G01N 21/61** (2006.01)

CPC (source: EP)  
**G01N 21/314** (2013.01); **G01N 21/33** (2013.01); **G01N 21/3504** (2013.01); **G01N 21/61** (2013.01)

Citation (search report)  
• [XY] US 5591975 A 19970107 - JACK MICHAEL D [US], et al  
• [XY] US 5126570 A 19920630 - BOOS DONALD L [US]  
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• See also references of WO 0055602A1

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