

Title (en)  
Opto-electronic sensor device

Title (de)  
Optoelektronische Sensoreinrichtung

Title (fr)  
Dispositif détecteur optoélectronique

Publication  
**EP 0967583 B1 20030813 (DE)**

Application  
**EP 99109753 A 19990518**

Priority  
DE 19828434 A 19980625

Abstract (en)  
[origin: EP0967583A2] At least one reflector (17, 19) spreads the incident beam (23, 25).h

IPC 1-7  
**G08B 13/184**; G01V 8/14

IPC 8 full level  
**G01V 8/14** (2006.01); **G08B 13/184** (2006.01)

CPC (source: EP)  
**G08B 13/184** (2013.01)

Cited by  
EP1467228A3; EP4016139A1; JP2020024134A; DE202010007107U1; WO2020031674A1

Designated contracting state (EPC)  
CH DE ES FI FR GB IT LI

DOCDB simple family (publication)  
**EP 0967583 A2 19991229; EP 0967583 A3 20010110; EP 0967583 B1 20030813**; DE 19828434 A1 19991230; DE 59906565 D1 20030918

DOCDB simple family (application)  
**EP 99109753 A 19990518**; DE 19828434 A 19980625; DE 59906565 T 19990518