

Title (en)  
POLARIZATION SENSITIVE DETECTOR

Title (de)  
POLARISATIONSEMPFINDLICHTER DETEKTOR

Title (fr)  
DETECTEUR SENSIBLE A LA POLARISATION

Publication  
**EP 1159764 A1 20011205 (EN)**

Application  
**EP 99961264 A 19991229**

Priority  
• IL 9900705 W 19991229  
• IL 12876499 A 19990301

Abstract (en)  
[origin: WO0052763A1] Apparatus for detecting the polarization state of incident light, comprising: a first detector, which detects at least light having a first linear polarization, wherein part of the incident light is transmitted through said first detector to a second detector; and a second detector underlying the first detector which detects light passing through the first detector, at least a part of said detected light having a second polarization direction orthogonal to the first polarization; the ratio of light having said first and second polarizations detected by the first and second detectors being different for the first and second detectors when the incident light is normally incident on said first detector.

IPC 1-7  
**H01L 31/0236**; **H01L 31/11**

IPC 8 full level  
**H01L 31/0236** (2006.01); **H01L 31/11** (2006.01)

CPC (source: EP)  
**H01L 31/0236** (2013.01); **H01L 31/11** (2013.01)

Citation (search report)  
See references of WO 0052763A1

Designated contracting state (EPC)  
DE FR GB

DOCDB simple family (publication)  
**WO 0052763 A1 20000908**; AU 1795700 A 20000921; EP 1159764 A1 20011205; IL 128764 A0 20000131; JP 2002538475 A 20021112

DOCDB simple family (application)  
**IL 9900705 W 19991229**; AU 1795700 A 19991229; EP 99961264 A 19991229; IL 12876499 A 19990301; JP 2000603098 A 19991229