

Title (en)  
Optoelectric device

Title (de)  
Optoelektronische Vorrichtung

Title (fr)  
Dispositif optoélectrique

Publication  
**EP 1223132 A3 20031105 (DE)**

Application  
**EP 02000861 A 20020115**

Priority  
DE 10101443 A 20010115

Abstract (en)  
[origin: EP1223132A2] Optoelectronic device comprises an emitter for emitting light beams, a receiver for receiving light beams, and an evaluation unit for evaluating output signals. The output signals are evaluated with threshold values to discriminate from illuminated receiving elements (10) with output signals and non-illuminated receiving elements with output signals. The object has an edge of an arc (3) onto which a part of a light beam (6) is directed. A number of subsequently illuminated receiving elements is obtained by the receiving light beam reflected back from the edge of the arc. The number of illuminated receiving elements is a measure of the thickness of the arc.

IPC 1-7  
**B65H 7/12**; **B65H 7/14**

IPC 8 full level  
**B65H 7/12** (2006.01); **B65H 7/14** (2006.01)

CPC (source: EP)  
**B65H 7/125** (2013.01); **B65H 2511/13** (2013.01); **B65H 2511/524** (2013.01); **B65H 2553/414** (2013.01); **B65H 2701/1315** (2013.01)

Citation (search report)  
• [A] EP 1041393 A2 20001004 - LEUZE ELECTRONIC GMBH & CO [DE]  
• [A] DE 19909518 A1 19991007 - HEIDELBERGER DRUCKMASCH AG [DE]  
• [A] DE 4115841 A1 19921119 - SCHOELLY FIBEROPTIC GMBH [DE]  
• [X] PATENT ABSTRACTS OF JAPAN vol. 006, no. 048 (M - 119) 27 March 1982 (1982-03-27)

Cited by  
EP2030924A1

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)  
**EP 1223132 A2 20020717**; **EP 1223132 A3 20031105**; **EP 1223132 B1 20050427**; DE 10101443 A1 20020725; DE 10101443 B4 20060406; DE 50202873 D1 20050602

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