

Title (en)  
HIGH POWER OPTICAL RECEIVER

Title (de)  
OPTISCHER HOCHLEISTUNGSEMPFÄNGER

Title (fr)  
RECEPTEUR OPTIQUE GRANDE PUISSANCE

Publication  
**EP 0965228 A2 19991222 (EN)**

Application  
**EP 98955866 A 19981207**

Priority  
• IB 9801974 W 19981207  
• US 210497 A 19971231

Abstract (en)  
[origin: WO9935767A2] An optical receiver for converting an optical signal in a fiber optic cable into a high frequency electrical signal, includes an optical splitter for providing a portion of the signal into each of at least two photodiodes which convert the optical signal into a plurality of separate electrical signals. The phase of the electrical signals is adjusted or the length of the conductors for the separate signal is selected so that, when the separate signals combined they are in phase and the signal to noise ratio of the combined signal is higher than that in the separate signals, but the distortion in the combined signal is not substantially increased over that in the separate signals.

IPC 1-7  
**H04N 7/22**

IPC 8 full level  
**H04N 7/22** (2006.01); **H04B 10/67** (2013.01); **H04B 10/69** (2013.01)

CPC (source: EP)  
**H04B 10/674** (2013.01); **H04B 10/69** (2013.01)

Citation (search report)  
See references of WO 9935767A2

Designated contracting state (EPC)  
DE FR GB

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