

Title (en)  
OPTICAL DISTRIBUTION SYSTEM.

Title (de)  
OPTISCHES VERTEILUNGSSYSTEM.

Title (fr)  
SYSTEME DE DISTRIBUTION OPTIQUE.

Publication  
**EP 0239591 A4 19890516 (EN)**

Application  
**EP 86905676 A 19860923**

Priority  
AU PH261285 A 19850925

Abstract (en)  
[origin: WO8702205A1] An optical distribution system for 2-way communication from an exchange to a number of user stations (30). The user stations may comprise offices or homes and be arranged to receive bidirectional telecommunications signals, hi-fi stereo signals or other data. The system includes an exchange transmitter (2), exchange receiver (4) and an exchange coupler (10) for coupling the transmitter to an optical fiber line (14). Located remote from the exchange is a passive multi-port coupler (18) including optic fiber tails (16) extending to the user stations. Each user station includes a transmitter (32), receiver (34) and a coupler (36) for coupling the fiber tail (26) to the station transmitter and receiver (32, 34).

IPC 1-7  
**H04B 9/00**

IPC 8 full level  
**H04B 10/272** (2013.01); **H04H 20/69** (2008.01)

CPC (source: EP)  
**H04B 10/272** (2013.01); **H04H 20/69** (2013.01)

Citation (search report)

- [Y] EP 0137225 A1 19850417 - NEC CORP [JP], et al
- [Y] EP 0133567 A2 19850227 - WANG LABORATORIES [US]
- [A] EP 0058764 A2 19820901 - SIEMENS AG [DE]
- [X] ANT NACHRICHTENTECHNISCHE BERICHTE, vol. 1, May 1984, pages 103-111, Backnang, DE; K.-D. SCHENKEL et al.: "System}berlegungen f}r zuk}nftige Glasfaser-Ortsnetze"
- See references of WO 8702205A1

Designated contracting state (EPC)  
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)  
**WO 8702205 A1 19870409**; AU 583428 B2 19890427; AU 6379086 A 19870424; DK 265887 A 19870525; DK 265887 D0 19870525; EP 0239591 A1 19871007; EP 0239591 A4 19890516

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**AU 8600277 W 19860923**; AU 6379086 A 19860923; DK 265887 A 19870525; EP 86905676 A 19860923