

Title (en)
BANDWIDTH TRANSFER SWITCHING SYSTEM

Title (de)
VERMITTLUNGSSYSTEM ZUR BANDBREITENÜBERTRAGUNG

Title (fr)
SYSTEME DE COMMUTATION A TRANSFERT DE BANDE

Publication
EP 1147639 A1 20011024 (EN)

Application
EP 00904374 A 20000114

Priority
• US 0001039 W 20000114
• US 11600899 P 19990115

Abstract (en)
[origin: WO0042750A1] A bandwidth transfer switching system (100) connecting various customer devices (12a-g), including local area networks (44), from customer premises (42) through a local loop (50) to a telco central office (50), to deliver switched circuit traffic to central office switches (60) and data packet traffic to wide area networks (64), such as the Internet. Access concentrators (104, 140) are employed at the customer premises (42), remote concentrators (106, 140) and optional relay nodes (160, 140) are employed in the local loop (50), and transfer switches (108, 140) are employed in the central office (56). Copper wire lines (166) and fiber optic lines (168) are used to handle typical protocols such as POTS, E1/T1/xDSL, and SONET between the various transfer nodes (140).

IPC 1-7
H04L 12/64; **H04L 12/66**

IPC 8 full level
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