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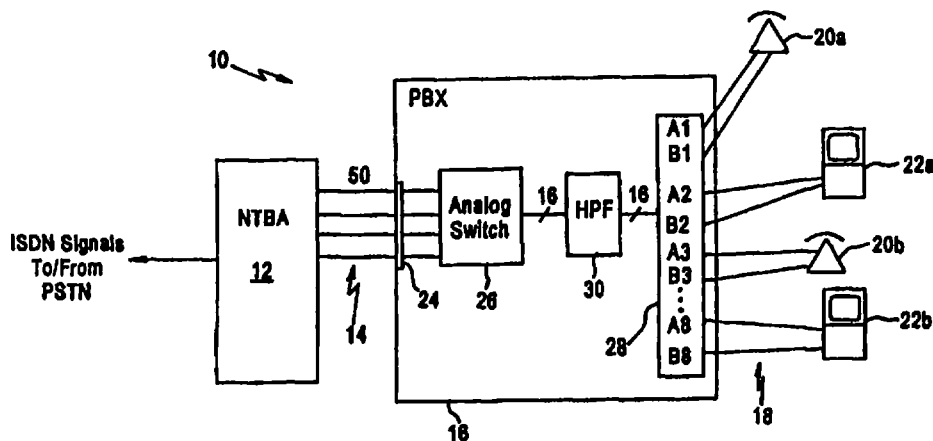
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INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁷ : H04L 12/28		A1	(11) International Publication Number: WO 00/64105
			(43) International Publication Date: 26 October 2000 (26.10.00)
(21) International Application Number: PCT/US99/19761		(81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).	
(22) International Filing Date: 25 August 1999 (25.08.99)			
(30) Priority Data: 60/129,355 15 April 1999 (15.04.99) US 09/302,294 30 April 1999 (30.04.99) US			
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		Published With international search report.	

(54) Title: APPARATUS AND METHOD FOR COUPLING ANALOG SUBSCRIBER LINES IN A HOME NETWORK



(57) Abstract

A home network environment (10) is implemented in a customer premises having a Private Branch Exchange (PBX) (16) for outputting analog telephone signals onto twisted pair wiring arranged in a star topology (18), by adding a high pass filter (30) in parallel along the twisted pair wiring. The high pass filter (30) enables transmission of network data signals between the telephone line pairs connected to the PBX, without interference of the switching operations by the PBX (16) of analog telephone signals. The high pass filter (30) may be implemented within the PBX (16) as an improved PBX system that accommodates home networking, or alternatively the high pass filter (30) may be added externally to the PBX system as a retrofit operation for existing customer premises.



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