Title (en)
DIGITAL TIMESLOT AND SIGNALING BUS IN A DIGITAL PBX SWITCH.

Title (de)
DIGITALER ZEITSCHLITZ UND SIGNALISIERUNGSBUS IN EINER DIGITALEN VERMITTLUNGSANLAGE.

Title (fr)
BUS NUMERIQUE DE TRANCHE DE TEMPS ET DE SIGNALISATION DANS UN COMMUTATEUR PRIVE NUMERIQUE.

Publication
EP 0182798 A4 19861002 (EN)

Application
EP 85901843 A 19850328

Priority
US 60799984 A 19840507

Abstract (en)
[origin: WO8505241A1] A switch in a digital PBX system supporting both centralized and distributed switching techniques. The switch has nearly universal parallel bus (10) between line card modules. The bus having a timeslot bus capable of having more than one line card module connected to it, which may communicate voice PCM or data signals during one timeslot. The bus (10) also has a signalling bus (26, 27, 28, 29) by which line card modules are selected to communicate with a central control module by a single line to maintain the universality of the bus (10). Signalling information is also passed between a selected line card module and the central control module by a pair of parallel lines (27, 28).

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H04Q 11/04; H04J 3/02

IPC 8 full level
H04Q 3/52 (2006.01); H04L 12/40 (2006.01); H04Q 3/58 (2006.01); H04Q 11/04 (2006.01)

CPC (source: EP KR)
H04L 12/40 (2013.01 - EP); H04L 12/4135 (2013.01 - EP); H04Q 11/04 (2013.01 - KR); H04Q 11/0407 (2013.01 - EP); H04Q 11/08 (2013.01 - KR)

Citation (search report)
- [Y] WO 8401068 A1 19840315 - SCULLY RICHARD L [US], et al
- [A] DE 1916677 A1 19691030 - INT STANDARD ELECTRIC CORP
- [AT] EP 0138453 A2 19850424 - NORTHERN TELECOM LTD [CA]
- [A] US 4228536 A 19801014 - GUELDENPFENNIG KLAUS, et al
- [A] US 4017841 A 19770412 - JENSEN EARL D
- [Y] 9TH INTERNATIONAL TELETRAFFIC CONGRESS (I.T.C.9), 17th-24th October 1979, Torremolinos, ES, pages 1-6; K. OKADA et al.: "New architecture and the traffic aspects of switching network using microprocessors"
- See references of WO 8505241A1

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

DOCDB simple family (publication)
WO 8505241 A1 19851121; AU 3099389 A 19890622; AU 3099589 A 19890622; AU 4151385 A 19851128; AU 584331 B2 19890525; BR 8506717 A 19860923; CA 1237186 A 19880524; EP 0182798 A1 19860604; EP 0182798 A4 19861002; ES 542847 A0 19861001; ES 555892 A0 19870901; ES 555893 A0 19870901; ES 8700526 A1 19861001; ES 8708105 A1 19870901; ES 8708106 A1 19870901; IL 75071 A0 19850929; IL 75071 A 19890731; JP S60240294 A 19851129; KR 850008089 A 19851211; KR 900001029 B1 19900224; ZA 852744 B 19860326

DOCDB simple family (application)
US 8500526 W 19850328; AU 3099389 A 19890306; AU 3099589 A 19890306; AU 4151385 A 19850328; BR 8506717 A 19850328; CA 480718 A 19850503; EP 85901843 A 19850328; ES 542847 A 19850506; ES 555892 A 19860610; ES 555893 A 19860610; IL 7507185 A 19850502; JP 23931384 A 19841113; KR 850002878 A 19850429; ZA 852744 A 19850412