

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
4 July 2002 (04.07.2002)

PCT

(10) International Publication Number
WO 02/052867 A3

(51) International Patent Classification⁷: **H04Q 3/00**, 11/04

(21) International Application Number: PCT/SE01/02819

(22) International Filing Date:
18 December 2001 (18.12.2001)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/257,116 22 December 2000 (22.12.2000) US
09/829,451 10 April 2001 (10.04.2001) US

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(81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, 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, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW.

(84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, 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, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

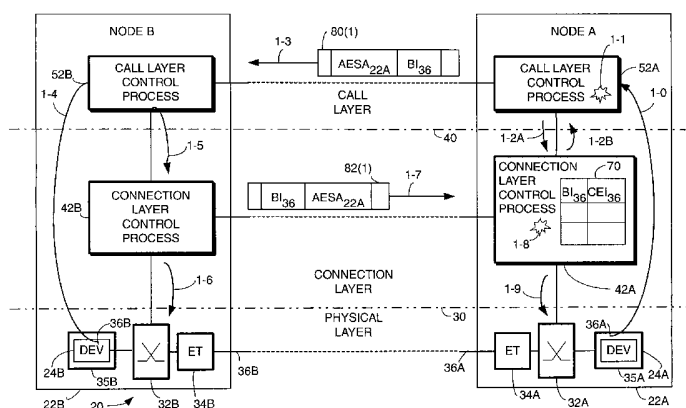
Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

(88) Date of publication of the international search report:
3 January 2003

[Continued on next page]

(54) Title: BINDING INFORMATION FOR TELECOMMUNICATIONS NETWORK



(57) Abstract: Various binding information techniques are provided for a telecommunications network (20) having separated call and connection layers. In a first embodiment of the invention, binding information is associated with connection endpoint information for a first connection end point (36A) at a first end node (22A) of the network. In a second embodiment, an ATM end system address (AESAs) is associated with a first connection end point at the first end node and is transmitted in the call layer to the second end node, and included in connection layer signaling sent from the call layer to the connection layer. Upon receipt of the connection layer signaling at the first end node, the first end node uses the AESAs to through connect the ATM switch in the physical layer to the first connection endpoint. In a third embodiment, a dynamic ATM end system address (AESAs) is associated both with a first end node of the network and with a first connection end point at the first end node. Since the dynamic AESAs is reusable for association with other connection end points at the first end node, a table maintained at the first end node keeps track for which end point the dynamic AESAs is currently used. In a fourth embodiment, connection endpoint information for a first connection end point of a first end node of the network is included in a vacant or otherwise unused field in an ATM end system address (AESAs) of the first end node.



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INTERNATIONAL SEARCH REPORT

International Application No
PCT/SE 01/02819

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04Q3/00 H04Q11/04

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H04Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	VEERARAGHAVAN M ET AL: "PARALLEL CONNECTION CONTROL (PCC) ALGORITHM FOR ATM NETWORKS" 1996 IEEE INTERNATIONAL CONFERENCE ON COMMUNICATIONS (ICC). CONVERGING TECHNOLOGIES FOR TOMORROW'S APPLICATIONS. DALLAS, JUNE 23 - 27, 1996, IEEE INTERNATIONAL CONFERENCE ON COMMUNICATIONS (ICC), NEW YORK, IEEE, US, vol. 3, 23 June 1996 (1996-06-23), pages 1635-1641, XP000625086 ISBN: 0-7803-3251-2 page 2, paragraphs 3,4 --- -/--	1,8,9, 15,19, 26,27,29

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☐ Patent family members are listed in annex.

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Date of the actual completion of the international search

18 October 2002

Date of mailing of the international search report

28/10/2002

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INTERNATIONAL SEARCH REPORT

International Application No
PCT/SE 01/02819

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	FRITZ J N: "DEMYSTIFYING ATM ADDRESSING" BYTE, MCGRAW-HILL INC. ST PETERBOROUGH, US, vol. 22, no. 12, 1 December 1997 (1997-12-01), pages 57-58, XP000728709 ISSN: 0360-5280 the whole document -----	1,8,9, 15,19, 26,27,29