

Title (en)

METHOD AND APPARATUS FOR MAPPING NARROWBAND DS0 CIRCUITS INTO AAL2 TYPE SWITCHED VIRTUAL CIRCUITS

Title (de)

VERFAHREN UND VORRICHTUNG ZUM ABBILDEN VON SCHMALBAND -DSO- VERBINDUNGEN AUF VERMITTELTE VIRTUELLE VERBINDUNGEN VOM AAL2-TYP

Title (fr)

PROCEDE ET APPAREIL PERMETTANT DE MAPPER DES CIRCUITS DS0 A BANDE ETROITE AVEC DES CIRCUITS COMMUTES VIRTUELS DE TYPE AAL2

Publication

EP 1192763 A1 20020403 (EN)

Application

EP 00919769 A 20000329

Priority

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Abstract (en)

[origin: WO0062494A1] The narrowband DS0 circuit ID and the called party address of a narrowband call SETUP request received by an ATM switch are used by the switch to identify a virtual channel profile (VCPRO) and a broadband address (BBA) (210). The VCPRO and BBA are then compared to the VCPROs and BBAs of all existing calls which are carried by SVCs and serviced by the switch in order to determine whether or not a suitable existing SVC is presently set up which can carry the call to the termination endpoint of the call (220). If such an SVC exists (230), a connection admission control (CAC) is run on the SVC of that call in order to determine whether sufficient bandwidth to carry the requested call is available on that SVC (240). If sufficient bandwidth is available (250), the call is accepted, placed into the SVC, and the details of the call, are entered into the active call structure table (260). If sufficient bandwidth is not available, or if no suitable existing SVC is available, a new SVC is set up between the switch and the destination switch, or the call is rejected (225).

IPC 1-7

H04L 12/56

IPC 8 full level

H04L 12/54 (2013.01); **H04L 12/937** (2013.01); **H04L 12/70** (2013.01)

CPC (source: EP)

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See references of WO 0062494A1

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