

Title (en)

METHOD AND APPARATUS FOR TRANSMITTING ATM OVER DEPLOYABLE LINE-OF-SIGHT CHANNELS

Title (de)

VERFAHREN UND VORRICHTUNG ZUR ÜBERTRAGUNG VON ATM SIGNALEN ÜBER ENTFALTbaren VISIERLINIEKANÄLEN

Title (fr)

PROCEDE ET APPAREIL POUR TRANSMISSION EN MODE ASYNCHRONE SUR DES VOIES DEPLOYABLES EN VISIBILITE DIRECTE

Publication

**EP 0958709 A2 19991124 (EN)**

Application

**EP 98904821 A 19980204**

Priority

- US 9801926 W 19980204
- US 3710197 P 19970204
- US 89180297 A 19970715

Abstract (en)

[origin: WO9834380A2] A system for transmitting asynchronous transfer mode voice, video, data, and imagery over deployable line-of-sight channels. The system includes an ATM adaptation layer and an ATM cell configuration, which include a flexible multirate encoder and decoder. The ATM cell configuration also entails separate encoding and decoding of header and payload codes, interleaving the header and payload bits, and a methodology for cell synchronization. Using this system, a deployable line-of-sight channel is available for ATM transmissions in a military or tactical environment. Additionally, the system also enables a civilian or commercial ATM channel to operate with a military or tactical ATM channel.

IPC 1-7

**H04Q 11/04**

IPC 8 full level

**H04Q 11/04** (2006.01); **H04L 12/70** (2013.01)

CPC (source: EP)

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Citation (search report)

See references of WO 9834380A2

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