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CCITT
STUDY GROUP XVII
WORKING PARTIES XVII/1, 2 and 3

Contribution tardive
Delayed contribution
Contribucion tardia

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Vienna, 2-11 November 1983

Questions : 4/XVII
16/XVII

CONTRIBUTION TARDIVE N°
DELAYED CONTRIBUTION No
CONTRIBUCION TARDIA N°

170

ORIGIN :
SOURCE : IBM EUROPE
ORIGEN :

TITRE :
TITLE : PATENT STATEMENT
TITULO :

1. At the request of the CCITT, and conforming to Annex 1 of CCITT Circular letter No 183 (A-29/11) dated December 3rd, 1975 on the uniformisation of patent policy within the various CCITT Study Groups, IBM provides the following information concerning patents and applications it owns on the trellis coded modulation technique :

1.1 inventors : Istvan P. Csajka
Gottfried Ungerboeck

1.2 Owner : IBM Corporation

1.3 Title : Method and Arrangement for Coding Binary
Signals and Modulating a Carrier Signal.

1.4 Patent number	Country	Issue date
77-14009	France	Feb. 22, 82
609 510	Switzerland	Feb. 28, 79
1 572 670	United Kingdom	Oct. 1, 80
4 077 021	USA	Feb. 28, 78

1.5 Application Number	Country	Filing Date
26 493 550	Federal Republic of Germany	May 3, 77
64 967/77	Japan	June 3, 77

2. IBM may own other patents and applications which apply to various aspects of data transmission systems and modems that use a trellis coded modulation technique.
3. IBM is willing to grant licenses on a non-discriminatory, non-exclusive basis under reasonable terms and conditions in respect of the patents and applications mentioned in 1) and 2) above.
4. Person who will provide further information and details of licensing :

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10/28/83