

Title (en)  
IMPROVEMENTS IN, OR RELATING TO, DIGITAL TRANSMISSION

Title (de)  
VERBESSERUNGEN IN, ODER BEZÜGLICH, DIGITALER ÜBERTRAGUNGEN

Title (fr)  
AMELIORATIONS APORTEES A DES TRANSMISSIONS NUMERIQUES

Publication  
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Application  
**EP 98953128 A 19981030**

Priority

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- SE 9704009 A 19971103

Abstract (en)  
[origin: WO9923764A1] The present invention combines the advantages of OFDD with Frequency Divided Duplex (FDD), thus enabling the reach of a vdsl transmission system to be extended. The present invention requires that: the use of an extra cyclic prefix; and for longer lines, the frequencies above the FDD band are not used, in other words. This in turn means that: time-synchronisation is performed between all transmitters in the ONUs and the NTs; timing advance is calculated from the line length; and different sub-carriers are used in up-stream and down-stream directions.

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IPC 8 full level  
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