

Title (en)  
Data encryption.

Title (de)  
Datenverschlüsselung.

Title (fr)  
Chiffre de données.

Publication  
**EP 0216595 A2 19870401 (EN)**

Application  
**EP 86307139 A 19860916**

Priority  
GB 8522979 A 19850917

Abstract (en)  
Data transmitted over any sort of "broadcast" system can, in general, be picked up by anyone with the correct sort of receiver properly tuned in. For many reasons, however, it may be desirable for the data signals to be "scrambled" or encrypted, before transmission so that only the recipient who can appropriately "unscramble" or decrypt the signal will be able to see the data in its original plain form. The invention provides a data encryption/decryption method (and the equipment therefor), in which plain form data is transferred sequentially through two sets of analogue shift registers at a number of different transfer rates such that for each register data fed in at one rate is then fed out at another; whereby the data transferred between the two sets of registers is encrypted, but when fed out of the last register is decrypted, and in plain form.

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**H04K 1/06**

IPC 8 full level  
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CPC (source: EP)  
**H04K 1/06** (2013.01)

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**EP 0216595 A2 19870401; EP 0216595 A3 19881026; GB 2180728 A 19870401; GB 8622238 D0 19861022; JP S62111542 A 19870522**

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