

Title (en)  
DATA PROCESSING DEVICE

Title (de)  
DATENVERARBEITUNGSVORRICHTUNG

Title (fr)  
DISPOSITIF DE TRAITEMENT DE DONNEES

Publication  
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Application  
**EP 00953060 A 20000717**

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• EP 0006824 W 20000717

Abstract (en)  
[origin: WO0106341A1] The invention relates to a data processing device comprising a local file receiving system which is used to receive local files and which is associated with a local computer unit and used for the purpose of retrieval and storage, in addition to two-way transmission of volume files by the computer unit, and a user identification unit which is associated with the local computer unit and which is configured in such a way that it can react to positive ID only in order to enable access by said computer unit to volume files which are authorized for a user. The volume file is stored in the local file receiving system in an encrypted form which cannot be used for a user. A key administration system which is associated with a volume file transmission path between the local computer unit and local file receiving system is configured as part of and as a functionality of the local computer unit for the generation and allocation of a user-specific and volume-file-specific key data file for each volume file. The key management system is connected to a key data base which is part of the system for receiving local files and logically separated therefrom. The key management system links a key file which is stored in the key data base to a volume file stored in the local file receiving system in order to generate an electronic document so that a volume file can be produced for the local file receiving system. The key data base is provided locally in the data processing unit but is structurally or physically separated from the driver unit or mass storage unit which is associated with the local file receiving system.

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