

Title (en)

METHOD FOR TRANSMITTING AN OPERATING SYSTEM IN COMPUTER SYSTEMS

Title (de)

VERFAHREN ZUR ÜBERTRAGUNG EINES BETRIEBSSYSTEMS IN DATENVERARBEITUNGSANLAGEN

Title (fr)

PROCEDE POUR TRANSFERER UN SYSTEME D'EXPLOITATION DANS DES INSTALLATIONS INFORMATIQUES

Publication

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Application

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Abstract (en)

[origin: DE19717102A1] The invention relates to a method enabling the use of an operating system (OS1) for source hardware (M1) supporting a real address mode, on target hardware (M2) supporting only a virtual address mode, while maintaining main memory address irrespective of configuration and process. This is achieved in that one of the virtual address spaces for process-independent addressing of the main memory (HS2) is reserved and, in accordance with the real address mode, used on the source hardware (M2). An upstream, separate control programme (GSP) enables the transferred operating system (OS2) to react to exceptional conditions (EV2) of the target hardware (M2), and the real addresses of the operating system that is to be transferred are imaged in the reserved address space on free addresses that are not occupied by the separate control programme (GSP) of the physical memory.

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