

Title (en)
COMPRESSED BIOS SYSTEM.

Title (de)
KOMPRIMIERTES BIOS-SYSTEM.

Title (fr)
SYSTEME BIOS COMPRIME.

Publication
EP 0685093 A4 19970402 (EN)

Application
EP 94909611 A 19940210

Priority
• US 9401558 W 19940210
• US 1959293 A 19930219

Abstract (en)
[origin: WO9419768A1] A means of providing a BIOS routine from an EPROM to RAM in a general purpose computer, where the BIOS routine is greater in number of lines of code than the line capacity of the EPROM is provided. The BIOS routine is stored in EPROM in three portions (11). A first portion (13) is uncompressed, and loadable and operable by the CPU of the computer to initialize RAM. A second portion (17) is compressed by one of a number of schemes. A third portion (15) is a decompression utility loadable and operable by the computer CPU to decompress the compressed portion from EPROM and copy the resulting code to RAM, resulting in a BIOS in RAM.

IPC 1-7
G06K 9/36

IPC 8 full level
G06F 12/06 (2006.01); **G06F 9/445** (2006.01)

CPC (source: EP)
G06F 9/445 (2013.01)

Citation (search report)
• [A] US 4988988 A 19910129 - KIMURA TETSUO [JP]
• [X] "COMPRESSED IPL ROM", RESEARCH DISCLOSURE, no. 333, 1 January 1992 (1992-01-01), pages 6, XP000281117
• [A] "COMPRESSED BOOT IMAGE", RESEARCH DISCLOSURE, no. 333, 1 January 1992 (1992-01-01), pages 7, XP000281118
• See references of WO 9419768A1

Designated contracting state (EPC)
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DOCDB simple family (application)
US 9401558 W 19940210; EP 94909611 A 19940210; JP 51905494 A 19940210