

Title (en)
DATA COMPRESSING COMPUTER SYSTEM AND PROCESS THERETO.

Title (de)
RECHNERSYSTEM MIT DATENVERDICHUNG UND VERFAHREN.

Title (fr)
SYSTEME D'ORDINATEUR A COMPRESSION DE DONNEES ET PROCEDE.

Publication
EP 0204763 A4 19890309 (EN)

Application
EP 85906108 A 19851115

Priority
US 67214684 A 19841116

Abstract (en)
[origin: WO8603037A1] The prior art compression of a data in computer memory and transmission of compressed data has proved to be uneconomical and too slow. The present process uses dimensional co-ordinates of the place of the data as its value for coding purposes. The coding process, as shown by the flow chart of Fig. 2C, is based on a compression of the distances between "on" and "off" states of bits of data bytes as they progress through stages (34, 35, 36, 37 and 38) and a decoding process of Fig. 2C, as shown by other stages (40, 41, 42 and 43). The coding and decoding processes are controlled by a repeating control stage (39) that increases the compression of the data as many times as ordered. By using the repeated coding of the dimensioned co-ordinates of the place of the data in the transmitted/received data in the computer system or in the transmission system, the volume of the computer memory is increased and the communications are done more economically.

IPC 1-7
G06F 5/00

IPC 8 full level
G06F 5/00 (2006.01); **H03M 7/30** (2006.01); **H03M 7/42** (2006.01); **H04L 23/00** (2006.01)

CPC (source: EP)
H03M 7/30 (2013.01)

Citation (search report)
• [A] IBM TECHNICAL DISCLOSURE BULLETIN, vol. 15, no. 12, May 1973, pages 3849-3850, New York, US; P.J. MIN et al.: "Flagged run-length coded data format"
• See references of WO 8603037A1

Designated contracting state (EPC)
DE FR GB SE

DOCDB simple family (publication)
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DOCDB simple family (application)
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