

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)  
**WO 8603037 A1 19860522**; EP 0204763 A1 19861217; EP 0204763 A4 19890309; JP S62501115 A 19870430

DOCDB simple family (application)  
**US 8502252 W 19851115**; EP 85906108 A 19851115; JP 50536485 A 19851115