

Title (en)

Method for the serial transmission of digital measured values

Title (de)

Verfahren zur seriellen Übertragung von digitalen Messwerten

Title (fr)

Méthode pour la transmission en série de valeurs de mesure numérique

Publication

**EP 0716404 B1 19990908 (DE)**

Application

**EP 95118878 A 19951130**

Priority

DE 4443959 A 19941209

Abstract (en)

[origin: EP0716404A1] The transmission method uses a sensor for providing the digital measured values continuously at time intervals which are sufficiently short to allow each value to be represented by its difference from the preceding value. The measured values are indicated by +1, -1, or 0 and transmitted as 2 bits respectively indicating the difference and its sign. Within each time frame a single measured value is transmitted as an absolute value, each of the remaining values transmitted as a difference value and used for indexing the stored value held at the reception end in either direction.

IPC 1-7

**G08C 19/28**

IPC 8 full level

**G08C 19/00** (2006.01); **G08C 19/16** (2006.01); **G08C 19/28** (2006.01); **H04Q 9/00** (2006.01)

CPC (source: EP US)

**G08C 19/28** (2013.01 - EP US)

Cited by

DE102004034133A1; DE10216330B4; DE19933491A1; US7372374B2; US6907389B2; WO03087964A1

Designated contracting state (EPC)

AT CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)

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**EP 95118878 A 19951130**; AT 95118878 T 19951130; CA 2164659 A 19951207; DE 4443959 A 19941209; DE 59506782 T 19951130; ES 95118878 T 19951130; JP 34847595 A 19951208; US 57020995 A 19951211