

Title (en)

Signal for transmitting information, in particular time information over two wires in a clock installation

Title (de)

Signal zum Übertragen von Informationen, insbesondere Zeitinformationen über eine Zweidrahtleitung bei einer Uhrenanlage

Title (fr)

Signal pour la transmission d'informations, particulièrement, l'information de temps à travers deux fils dans une installation d'horloges

Publication

EP 0664497 B1 19980527 (DE)

Application

EP 94810041 A 19940124

Priority

EP 94810041 A 19940124

Abstract (en)

[origin: EP0664497A1] The master clock (2) controlling a number of slave clocks (4) incorporates a generator (5) of a frequency-modulated AC signal which is transmitted over the two-wire line (1) and decoded (6) by a microprocessor driving a control (39) e.g. for stepping the slave-clock motors. The code is preselectable by switches (35). The waveform (7) has positive half-cycles of a first frequency alternating with negative half-cycles of a second frequency, the combined duration of the two half-cycles remaining constant. The half-cycles have different amplitudes and can be transposed to provide a "digital" signal.

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