

Title (en)

ARRANGEMENT FOR DIGITALLY MONITORING BINARY OR SIMILAR SENSORS AND THEIR CONTROL LINES

Publication

**EP 0071946 B1 19850213 (DE)**

Application

**EP 82106980 A 19820802**

Priority

DE 3131934 A 19810812

Abstract (en)

[origin: EP0071946A2] 1. An arrangement for the digital monitoring of binary sensors (3) or the like and/or associated supply lines (8, 9) to the control unit, wherein each sensor is assigned rectifier elements (4, 5) connected in antiparallel fashion, and alternating rectangular clock pulse voltages (T1, T2) are impressed upon the supply lines, and the signals analysed in the control unit indicate the setting of the sensors or disturbances on the supply lines, characterised in that each control unit input is connected via a resistor (7) to a alternating clock pulse voltage (T1) which is displaced in phase relative to the first mentioned alternating clock pulse voltage (T2), and the potential characteristics (P) which are derived from each of the two alternating clock pulse voltages (T1, T2) at the inputs (61) serve as indication criteria.

IPC 1-7

**G08C 19/30**; **G08C 25/00**

IPC 8 full level

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