

Title (en)
SURVEILLANCE ARRANGEMENT USING OPTICAL FIBRES

Publication
EP 0247940 B1 19910123 (FR)

Application
EP 87401182 A 19870526

Priority
FR 8607809 A 19860530

Abstract (en)
[origin: US4797547A] An improved optical fiber monitoring system using a light-emitting diode which is controlled by a module 12 having an oscillator 40, a first JK trigger 42, two univibrators 44, 46 and a second JK trigger 48 with an output stage 43 being connected to one or the other of the two outputs of the first trigger. A synchronization selector 50 is also a part of the module and has four inputs connected to the four output of the two JK triggers and to an output supplying one of the four signals which are received. The photoreceiver is connected to a synchronous detector module which uses the signal supplied by the selector 50 as a synchronization signal. The system also utilizes a inhibit circuit 83 and the control system incorporates a means for detecting the possible failure of the light emitting diode 10 with the controlling means inhibiting the input 83.

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G08B 13/18

IPC 8 full level
G08B 13/186 (2006.01)

CPC (source: EP US)
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Cited by
EP0557589A1; EP3046086A1; WO2016113547A1

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EP 0247940 A1 19871202; EP 0247940 B1 19910123; DE 3767565 D1 19910228; FR 2599532 A1 19871204; US 4797547 A 19890110

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