Title (en)

ARRANGEMENT FOR THE CENTRAL CONTROL AND SUPERVISION OF OPERATING ACTIVITIES

Publication

EP 0090398 A3 19870401 (DE)

Application

EP 83103069 A 19830328

Priority

- DE 3212020 A 19820331
- DE 3301141 A 19830114

Abstract (en)

[origin: EP0090398A2] A central control and indication panel has on its upper side facing the viewer a multiplicity of sensor elements (SE1 to SEn) arranged in the grid. These sensor elements are connected in series with photodiodes (PD1 to PDn) arranged on the underside of the control and indication panel; in each case a plurality of the circuit sections consisting of a photodiode and a sensor are connected to one another in parallel and control a common switch (V). The photodiodes are cyclically switched to low impedance either by a video-projector (VIP), which also serves for representing the system to be controlled and monitored on the control and indicator panel, or by associated lighting elements (D1 to Dn). If a sensor element is actuated, the control voltage for the switch (V) briefly collapses when the associated photodiode is triggered by the video-projector or a lighting element. A timing and comparison device (ZMV) determines the respectively actuated sensor element from the time interval between the switch responding and a synchronization signal (SYN) supplied by the video-projector on the lighting element control. <IMAGE>

IPC 1-7

B61L 25/06

IPC 8 full level

B61L 25/06 (2006.01); **B61L 25/08** (2006.01)

CPC (source: EP)

B61L 25/06 (2013.01); **B61L 25/08** (2013.01)

Citation (search report)

- [A] DE 1217430 C
- [A] IBM TECHNICAL DISCLOSURE BULLETIN, Band 24, Nr. 6, November 1981, Seiten 2732-2733, New York, US; R.H. HARRIS: "Optical overlay input device for a cahtode ray tube"

Cited by

EP0278293A3

Designated contracting state (EPC)

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