

Title (en)  
EMERGENCY-CALL STATIONS FOR TRAFFIC ROADS USING LIGHT SIGNAL DEVICES

Publication  
**EP 0007023 B1 19820707 (DE)**

Application  
**EP 79102048 A 19790621**

Priority  
DE 2830065 A 19780708

Abstract (en)  
[origin: US4264890A] A succession of emergency-phone stations distributed along the length of a communications cable laid alongside a highway is powered from a remote central station. The phone stations are provided with lamps to form a blinking-lamp signalling system warning of upcoming traffic hazards. Each phone station's blinking system includes a code-evaluator circuit stage which interprets code signals transmitted along the power-supply circuit of the communications cable, the code signals identifying which stations are to have their lamps blink and in accordance with which blinking schedules. Each station is provided with a bistable activation stage which responds to the first occurrence of a transmitted-voltage boost by disconnecting from power the code-evaluator circuit stage of all flashing stations, and all circuitry of all non-flashing stations, but which reconnects to power upon the second occurrence of such voltage boost. The voltage boost is performed after the transmission of the code signals as blinking action actually commences, and is performed a second time when blinking action is terminated. The bistable activation stage at each station is permanently connected to power but draws virtually zero power except when a protracted interval of blinking action is initialed and terminated.

IPC 1-7  
**G08G 1/09**

IPC 8 full level  
**G08G 1/09** (2006.01)

CPC (source: EP US)  
**G08G 1/09** (2013.01 - EP US)

Designated contracting state (EPC)  
BE CH DE FR GB IT NL SE

DOCDB simple family (publication)  
**EP 0007023 A1 19800123; EP 0007023 B1 19820707**; AT 374021 B 19840312; AT A784078 A 19830715; DE 2830065 A1 19800117; DE 2963290 D1 19820826; JP S5515595 A 19800202; US 4264890 A 19810428

DOCDB simple family (application)  
**EP 79102048 A 19790621**; AT 784078 A 19781102; DE 2830065 A 19780708; DE 2963290 T 19790621; JP 8601179 A 19790709; US 5530979 A 19790706