

Title (en)
WARNING DEVICE

Publication
EP 0141099 A3 19870812 (DE)

Application
EP 84109896 A 19840820

Priority
DE 3333135 A 19830914

Abstract (en)
[origin: US4600977A] The surveillance signal apparatus is preferably provided a signal lamp, as an illuminated switch or as an illuminated key. It comprises a casing with electrical and electronic connections and with an apparatus heat disengageably disposed at the casing. The apparatus head comprises a signal part provided with electric voltage and preferably an illuminating element. A voltage limiter and a current limiter are disposed in an explosion-proof and pressure tight encapsulated space of the casing and they are electrically predisposed to the signal part in the apparatus head via a feed part. The apparatus head with the signal part and the feed part are formed by the output of the voltage limiter and by the output of the current limiter as an explosion protection self safety unit.

IPC 1-7
G08B 5/36

IPC 8 full level
E21F 9/00 (2006.01); **G08B 5/00** (2006.01); **G08B 5/36** (2006.01); **G08B 21/00** (2006.01)

CPC (source: EP US)
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F21W 2111/00 (2013.01 - EP US)

Citation (search report)

- [X] US 4142179 A 19790227 - LOWNDES ROY B W
- [A] DE 1180444 B 19641029 - MERTEN GEB
- [A] DE 2531968 A1 19770203 - STAHL NIEDERLASSUNG KUENZELSAU
- [A] CH 542401 A 19730930 - MUELLER MAX [CH]

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

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