

Title (en)

SELF-CONTAINED APPARATUS FOR EMERGENCY LIGHTING INCORPORATING ALARM SYSTEMS FOR FIRE, GAS AND THE LIKE

Publication

EP 0442853 A3 19911127 (EN)

Application

EP 91830052 A 19910218

Priority

- IT 335090 A 19900216
- IT 493590 U 19901105

Abstract (en)

[origin: EP0442853A2] Self-contained apparatus for the emergency lighting comprising lighting means, detecting means for gas and the like, which can send an electric input, processing means which can receive upsaid electric input, optic and/or acustic alarm means. <IMAGE>

IPC 1-7

G08B 7/06; G08B 17/00

IPC 8 full level

F21L 4/00 (2006.01); **F21S 9/02** (2006.01); **F21V 33/00** (2006.01); **G08B 5/36** (2006.01); **G08B 7/06** (2006.01); **G08B 17/00** (2006.01); **G08B 17/10** (2006.01); **G08B 21/00** (2006.01); **G08B 21/08** (2006.01); **G08B 21/16** (2006.01)

CPC (source: EP)

G08B 7/062 (2013.01); **G08B 17/00** (2013.01); **G08B 17/113** (2013.01)

Citation (search report)

- [X] WO 8809025 A1 19881117 - RYDGREN JAN [NO]
- [Y] US 4649376 A 19870310 - FRANK RICHARD [US]
- [Y] US 4531114 A 19850723 - TOPOL PETER [US], et al

Cited by

EP0596076A4; GB2412000A

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

EP 0442853 A2 19910821; **EP 0442853 A3 19911127**; **EP 0442853 B1 19960911**; AT E142806 T1 19960915; AU 644845 B2 19931223; AU 7115291 A 19910822; DE 69121936 D1 19961017; DE 69121936 T2 19970605; DK 0442853 T3 19970120; ES 2094213 T3 19970116; GR 3023300 T3 19970829; JP H04218201 A 19920807; YU 43691 A 19940624; YU 47442 B 19950327

DOCDB simple family (application)

EP 91830052 A 19910218; AT 91830052 T 19910218; AU 7115291 A 19910218; DE 69121936 T 19910218; DK 91830052 T 19910218; ES 91830052 T 19910218; GR 960403372 T 19961211; JP 4233291 A 19910215; YU 43691 A 19910219