

Title (en)

Line drive circuit for fire alarm system and corresponding fire alarm system

Title (de)

Leitungsansteuerung für ein Feueralarmsystem und entsprechendes Feueralarmsystem

Title (fr)

Circuit d'attaque de ligne pour système d'alarme incendie et système d'alarme incendie correspondant

Publication

EP 2693415 A1 20140205 (EN)

Application

EP 13172598 A 20130619

Priority

CN 201210270657 A 20120731

Abstract (en)

The present invention proposes a drive circuit and drive method for a fire alarm system. The drive circuit comprises: a current generation circuit, capable of selectively supplying either a first current I_{N1} or a second current I_{ALARM} to the line, wherein the first current I_{N1} is used as a line monitoring current in a normal operating state, and the second current I_{ALARM} is greater than the first current I_{N1} ; and a detection circuit, for controlling the current generation circuit to supply the second current I_{ALARM} to the line when detecting that a line voltage V_{Line} on the line is lower than a threshold V_{th} , wherein the threshold V_{th} is lower than a normal line voltage but higher than a maximum alarm voltage indicated on the line when the fire detector gives an alarm.

IPC 8 full level

G08B 29/06 (2006.01)

CPC (source: EP)

G08B 25/04 (2013.01); **G08B 29/06** (2013.01)

Citation (search report)

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AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

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