

Title (en)  
SWITCHING CIRCUIT WITH A BLOCK OF KEYS

Publication  
**EP 0063686 B1 19840905 (DE)**

Application  
**EP 82101939 A 19820311**

Priority  
DE 3116941 A 19810429

Abstract (en)  
[origin: US4484180A] The identification of the last-actuated of a plurality of parallel connected switches is provided by energizing a light source associated with the last-actuated switch and by providing a coded output signal which identifies the switch. The identification of a closed switch is accomplished through the use of logic circuitry which periodically imposes a potential difference across all of the switch associated light sources. The potential difference is sensed via the closed switch and functions as an initiation signal which causes generation of a coded output signal and maintains energization of the light source.

IPC 1-7  
**G10H 1/18**; **G10H 1/22**; **H03K 13/24**

IPC 8 full level  
**G10H 1/18** (2006.01); **G10H 1/22** (2006.01); **G10H 1/32** (2006.01); **H03K 17/00** (2006.01)

CPC (source: EP US)  
**G10H 1/182** (2013.01 - EP US); **G10H 1/22** (2013.01 - EP US)

Cited by  
DE3241492A1

Designated contracting state (EPC)  
DE FR GB IT NL

DOCDB simple family (publication)  
**EP 0063686 A1 19821103**; **EP 0063686 B1 19840905**; DE 3116941 A1 19821125; DE 3260644 D1 19841011; JP S57189195 A 19821120; US 4484180 A 19841120

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**EP 82101939 A 19820311**; DE 3116941 A 19810429; DE 3260644 T 19820311; JP 7247982 A 19820428; US 37230982 A 19820427