

Title (en)  
Signaling device

Title (de)  
Signalgerät

Title (fr)  
Dispositif de signalisation

Publication  
**EP 1467140 A3 20051116 (DE)**

Application  
**EP 04008414 A 20040407**

Priority  
DE 10316512 A 20030409

Abstract (en)  
[origin: EP1467140A2] The signaling device (1) has at least one circuit board (5) carrying one or more light emitting diodes and several connection contacts (12) attached to the end of the circuit board. Various end connection contacts are provided for the separate control of different light emitting diodes or different groups of light emitting diodes : An independent claim is also included for the following: (a) a method of manufacturing an inventive device.

IPC 1-7  
**F21S 8/00**; **F21V 19/00**; **F21V 23/00**

IPC 8 full level  
**F21S 2/00** (2006.01); **F21S 8/00** (2006.01); **F21V 19/00** (2006.01); **F21V 23/00** (2006.01); **F21V 29/00** (2006.01); **F21W 111/00** (2006.01); **F21Y 101/02** (2006.01); **H01R 13/66** (2006.01)

CPC (source: EP US)  
**H01R 12/721** (2013.01 - EP US); **F21W 2111/00** (2013.01 - EP); **F21W 2111/02** (2013.01 - EP); **F21Y 2115/10** (2016.07 - EP US); **H01R 13/6691** (2013.01 - EP)

Citation (search report)  
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• [Y] US 2002029904 A1 20020314 - MATUSCHIK PETER [DE]  
• [A] EP 0955702 A1 19991110 - FESTO AG & CO [DE]  
• [A] US 5110298 A 19920505 - DORINSKI DALE W [US], et al

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CN102444837A; US10127779B2; US9845949B2; DE102011122530A1; EP4224634A1; DE102022134962A1; EP3174021A1; DE102015120280A1; US10134246B2; EP3043111B1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 1467140 A2 20041013**; **EP 1467140 A3 20051116**; **EP 1467140 B1 20070718**; DE 10316512 A1 20041021; DE 502004004326 D1 20070830

DOCDB simple family (application)  
**EP 04008414 A 20040407**; DE 10316512 A 20030409; DE 502004004326 T 20040407