

Title (en)  
Signalling device, particularly signal column

Title (de)  
Signalgerät, insbesondere Signalsäule

Title (fr)  
Dispositif de signalisation, notamment colonne de signalisation

Publication  
**EP 1650489 A3 20070131 (DE)**

Application  
**EP 05021131 A 20050928**

Priority  
• DE 102004051675 A 20041022  
• DE 102004059875 A 20041210

Abstract (en)  
[origin: EP1650489A2] The device has a holding apparatus (5) for holding an electrical signaling unit e.g. incandescent lamp. The apparatus holds an electronics mount that is provided for the signaling unit and for a bulb. The apparatus has a guiding device for lateral guidance of the mount which is to be installed, where the guiding device is in the form of a slot (8). The slot is designed such that the mount is plugged into the holding apparatus.

IPC 8 full level  
**F21S 8/00** (2006.01)

CPC (source: EP US)  
**F21S 8/00** (2013.01 - EP US); **F21V 19/001** (2013.01 - EP US); **F21V 19/006** (2013.01 - EP US); **F21V 19/04** (2013.01 - EP US);  
**F21W 2111/02** (2013.01 - EP US)

Citation (search report)  
• [X] EP 1347233 A2 20030924 - WERMA SIGNALTECHNIK GMBH & CO [DE]  
• [X] EP 1146280 A2 20011017 - WERMA SIGNALTECHNIK GMBH & CO [DE]  
• [A] DE 19513983 A1 19951019 - WERMA SIGNALGERAETE GMBH & CO [DE]

Cited by  
DE102015001895A1; EP2182494A1; EP2209099A1; CN101739781A; EP3043111A1; EP3205933A1; US10127779B2; US8395526B2;  
US8456322B2; EP3007517A1; DE102014114111A1; US9945546B2

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

Designated extension state (EPC)  
AL BA HR MK YU

DOCDB simple family (publication)  
**EP 1650489 A2 20060426**; **EP 1650489 A3 20070131**; **EP 1650489 B1 20070822**; DE 502005001294 D1 20071004;  
JP 2006195956 A 20060727; JP 4734086 B2 20110727; US 2006089017 A1 20060427; US 7545284 B2 20090609

DOCDB simple family (application)  
**EP 05021131 A 20050928**; DE 502005001294 T 20050928; JP 2005308453 A 20051024; US 25355305 A 20051020