

Title (en)  
Signal column

Title (de)  
Signalsäule

Title (fr)  
Colonne de signalisation

Publication  
**EP 1347233 A3 20051116 (DE)**

Application  
**EP 03006308 A 20030320**

Priority  
DE 10212895 A 20020322

Abstract (en)  
[origin: EP1347233A2] The signal tower has at least two segments (4) of different colors and a circuit board (7) extending at least partly through all the segments and carrying LEDs (8) as light sources, whereby the LEDs are each associated with a segment and the LEDs of different segments can be separately controlled. LEDs in different segments are of different colors.

IPC 1-7  
**F21S 8/00**

IPC 8 full level  
**F21S 8/00** (2006.01); **F21V 19/00** (2006.01); **G08B 5/36** (2006.01); **F21V 15/01** (2006.01)

CPC (source: EP US)  
**F21S 8/00** (2013.01 - EP); **F21V 19/0045** (2013.01 - EP US); **G08B 5/36** (2013.01 - EP); **F21V 15/01** (2013.01 - EP);  
**F21W 2111/00** (2013.01 - EP); **F21Y 2103/10** (2016.07 - EP US); **F21Y 2107/90** (2016.07 - EP US); **F21Y 2115/10** (2016.07 - EP US)

Citation (search report)

- [XY] US 5374876 A 19941220 - HORIBATA HIROSHI [JP], et al
- [Y] US 4984142 A 19910108 - GARNERONE ALBERTO [IT]
- [Y] EP 1146278 A2 20011017 - WERMA SIGNALTECHNIK GMBH & CO [DE]
- [Y] US 5622423 A 19970422 - LEE HANG-BOK [KR]
- [A] EP 1113215 A2 20010704 - SPX CORP [US]
- [PX] DE 20204206 U1 20020725 - HESSE JOACHIM [DE]

Cited by  
EP2320126A1; CN102466180A; EP1650721A1; EP2719803A3; EP1650489A3; DE202012100962U1; DE102015120280A1; EP3031761A1; CN107636384A; BE1027040B1; CN113396253A; ITUD20090194A1; WO2006066300A1; US10337127B2; US11198956B2; DE202015009051U1; US7545284B2; DE202015009420U1; US10134246B2; DE202022101556U1; DE102021129995A1; WO2020161048A1; EP3043111A1; EP3205933A1

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 PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 1347233 A2 20030924; EP 1347233 A3 20051116; EP 1347233 B1 20070124**; DE 10212895 A1 20031002; DE 50306343 D1 20070315

DOCDB simple family (application)  
**EP 03006308 A 20030320**; DE 10212895 A 20020322; DE 50306343 T 20030320