

Title (en)  
SECTOR BEACON

Title (de)  
SEKTORBAKE

Title (fr)  
BALISE DE SECTEUR

Publication  
**EP 1831600 A4 20090304 (EN)**

Application  
**EP 05818253 A 20051205**

Priority  
• FI 2005000527 W 20051205  
• FI 20041703 A 20041231

Abstract (en)  
[origin: WO2006070050A1] A sector beacon, which has at least one level for each color, each level containing one or more vertically radiating and high-power LEDs (10) having a power rating of at least 1 W, whose light is deflected by a lens or mirror at least mainly in a horizontal direction, and wherein each level is provided with at least one opaque black-out wall (1, 2) serving to conceal part of the horizontal light so as to leave a desired sector or sectors, i.e. light openings (3, 4) free, through which the light is visible in the desired direction on each level.

IPC 8 full level  
**F21S 8/00** (2006.01); **F21V 11/18** (2006.01); **F21V 29/00** (2006.01); **F21W 111/04** (2006.01)

CPC (source: EP NO US)  
**F21V 11/18** (2013.01 - EP NO US); **F21W 2111/04** (2013.01 - EP NO); **F21Y 2115/10** (2016.07 - EP NO US)

Citation (search report)  
• [X] US 2004057234 A1 20040325 - MOHACSI FERENC [US]  
• [A] US 4816694 A 19890328 - KUPPENHEIMER JR JOHN D [US], et al  
• [A] US 4575786 A 19860311 - ROBERTS JOHN C [GB]  
• [AP] US 2005007784 A1 20050113 - STEIN PAUL L [US], et al  
• See references of WO 2006070050A1

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

DOCDB simple family (publication)  
**WO 2006070050 A1 20060706**; DK 1831600 T3 20190423; EP 1831600 A1 20070912; EP 1831600 A4 20090304; EP 1831600 B1 20190116; ES 2719222 T3 20190709; FI 117064 B 20060531; FI 20041703 A0 20041231; NO 20073917 L 20070928; NO 340886 B1 20170710; PL 1831600 T3 20190830; PT 1831600 T 20190508

DOCDB simple family (application)  
**FI 2005000527 W 20051205**; DK 05818253 T 20051205; EP 05818253 A 20051205; ES 05818253 T 20051205; FI 20041703 A 20041231; NO 20073917 A 20070726; PL 05818253 T 20051205; PT 05818253 T 20051205