

Title (en)

BEACON WITH A BASE FOR USE AS A ROAD TRAFFIC-DIRECTION SYSTEM

Title (de)

BAKE MIT FUSS ALS LEITEINRICHTUNG FÜR DEN STRASSENVERKEHR

Title (fr)

BALISE POURVUE D'UNE BASE ET SERVANT DE SYSTEME DE GUIDAGE POUR LA CIRCULATION ROUTIERE

Publication

**EP 0811092 A1 19971210 (DE)**

Application

**EP 95919386 A 19950503**

Priority

- DE 29503161 U 19950224
- EP 9501682 W 19950503

Abstract (en)

[origin: US5670954A] A traffic beacon apparatus has an upper portion comprising a panel member which is attached in an upright position by coupling member to base pedestal. The coupling member is a hollow shell structure formed of an elastic material. The panel member attaches to a top of the coupling member by bolts and barbed projections which are inserted into slots in the top of the coupling member. The coupling member has a flange along a lower perimeter thereof which couples with the base pedestal. The elastic material of the coupling member is more flexible than the panel member which is formed from a relatively stiff material. Apertures are formed in opposing sides of the coupling member to define a bending portion. Sides of the coupling member disposed between the apertures flex and bend when the traffic beacon is struck by a vehicle. Due to the elastic nature of the coupling member material and the positioning of the apertures, the coupling member permits the panel member to be bent down in a collision and then return to the original upright position.

IPC 1-7

**E01F 9/012**; **E01F 9/018**

IPC 8 full level

**E01F 9/012** (2006.01); **E01F 9/018** (2006.01); **E01F 9/646** (2016.01)

CPC (source: EP US)

**E01F 9/638** (2016.02 - EP US); **E01F 9/646** (2016.02 - EP US); **E01F 9/692** (2016.02 - EP US); **Y10S 248/91** (2013.01 - EP US)

Citation (search report)

See references of WO 9626321A1

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**US 5670954 A 19970923**; AT E183565 T1 19990915; AU 2524395 A 19960911; CA 2212178 A1 19960829; CZ 246297 A3 19980218; CZ 291097 B6 20021211; DE 29503161 U1 19950420; DE 59506652 D1 19990923; DK 0811092 T3 20000306; EP 0811092 A1 19971210; EP 0811092 B1 19990818; ES 2137515 T3 19991216; HU 219102 B 20010228; HU T77585 A 19980629; JP H11500502 A 19990112; SI 0811092 T1 19991231; SK 114997 A3 19980408; SK 284065 B6 20040908; UA 48163 C2 20020815; WO 9626321 A1 19960829

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