

Title (en)
A FLEXIBLE MARKER DEVICE

Title (de)
BIEGSAME MARKIERUNGSVORRICHTUNG

Title (fr)
DISPOSITIF DE MARQUAGE SOUPLE

Publication
EP 1597437 A4 20060628 (EN)

Application
EP 04704886 A 20040123

Priority

- US 2004001803 W 20040123
- US 44235503 P 20030123
- US 0302116 W 20030123

Abstract (en)
[origin: WO2004066238A2] A marker device for increased road safety due to a flexible design is provided. The marker device includes a base with an opening and a flexible means that is positioned over the base. The flexible means has a fast impulse response to direct (contact) and indirect (no contact) perturbations with one or more parts of the flexible means capable of deflecting up to about 180 degrees from their original position. In one example the deflection ranges from about 15 degrees to about 180 degrees. The marker device increases the likelihood for the marker device to remain upright once the perturbations disappear, therewith increasing the likelihood for the marker device to remain serving as a marker device safely alerting traffic; i.e. its intended purpose.

IPC 1-7
E01F 9/00

IPC 8 full level
E01F 9/012 (2006.01); **E01F 9/017** (2006.01); **E01F 9/627** (2016.01)

CPC (source: EP)
E01F 9/629 (2016.02); **E01F 9/654** (2016.02); **E01F 9/688** (2016.02)

Citation (search report)

- [X] FR 2672319 A1 19920807 - GUERIN GEORGES [FR]
- [A] FR 1593777 A 19700601
- See references of WO 2004066238A2

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

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WO 2004066238 A2 20040805; **WO 2004066238 A3 20041229**; AU 2004206576 A1 20040805; AU 2004206576 B2 20090924; CA 2513919 A1 20040805; CA 2513919 C 20101019; EP 1597437 A2 20051123; EP 1597437 A4 20060628; JP 2006524296 A 20061026

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