

Title (en)
Traffic warning device.

Title (de)
Verkehrseinrichtung.

Title (fr)
Dispositif routier avertisseur.

Publication
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Application
EP 89100892 A 19890119

Priority
DE 3801357 A 19880119

Abstract (en)
There is arranged on a traffic cone (11) a swivel bearing (21) by means of which a swivel arm (22) is mounted swivellably in a vertical plane. A warning flag (24) is attached to the swivel arm (22). The swivel arm (22) is coupled to a drive device (41) which is accommodated inside the traffic cone (21) and is fed by an energy source (19) or an energy accumulator which is likewise accommodated there. The drive device (41) ensures a constant swivelling movement of the warning flag (24) to increase the warning function of the traffic cone (11). <IMAGE>

Abstract (de)
An einem Leitkegel (11) ist ein Schwenklager (21) angeordnet, mittels dessen ein Schwenkarm (22) in einer vertikalen Ebene schwenkbar gelagert ist. Am Schwenkarm (22) ist eine Warnfahne (24) aufgesteckt. Der Schwenkarm (22) ist mit einer Antriebsvorrichtung (41) gekoppelt, die im Inneren des Leitkegels (21) untergebracht ist und die von einer ebenso dort untergebrachten Energiequelle (19) oder einem Energiespeicher gespeist wird. Die Antriebsvorrichtung (41) sorgt für eine ständige Schwenkbewegung der Warnfahne (24) zur Erhöhung der Warnfunktion des Leitkegels (11).

IPC 1-7
E01F 9/01; **G09F 17/00**; **G09F 19/02**

IPC 8 full level
E01F 9/615 (2016.01); **E01F 9/65** (2016.01); **E01F 9/654** (2016.01); **E01F 9/688** (2016.01); **G08G 1/09** (2006.01); **G09F 17/00** (2006.01); **G09F 19/02** (2006.01)

CPC (source: EP)
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Citation (search report)

- [Y] CH 566600 A5 19750915 - VON DER WETTERN WALTER
- [Y] GB 777786 A 19570626 - DUNLOP RUBBER CO
- [A] CH 356048 A 19610731 - STEINLE HANS [CH]
- [Y] US 1903482 A 19330411 - SENSENEY JR HARVEY G
- [Y] US 3732842 A 19730515 - VARA A
- [A] US 1828892 A 19311027 - FELTON WILLIAM T
- [A] DE 2902359 A1 19800724 - BEIERSCHODER MARTIN
- [A] US 2199756 A 19400507 - RICARD EUGENE E
- [A] GB 1574005 A 19800903 - SWINTEX
- [A] FR 2387320 A1 19781110 - ACIER [FR]
- [A] DE 1807882 A1 19690619 - WHITEHEAD BERNARD
- [A] US 4292627 A 19810929 - KNIGHT VAL F
- [A] DE 2409045 A1 19750904 - BRITSCH WALTER
- [A] GB 2081348 A 19820217 - NORRIS HERBERT
- [A] CH 281359 A 19520315 - MEILI & SOHN [CH]
- [XP] DE 8800565 U1 19880331

Cited by
US5294924A; US5269251A; FR2692294A1; CN113062241A; CN113668424A; EP0997860A3; US5993105A; CN103669238A; IT201900024463A1; FR2826993A1; US2016271447A1; CN107804225A; CN110359383A; CN111608104A; US6380863B1; WO2009016402A3

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