

Title (en)

PORTABLE DEVICE FOR SIGNALLING EMERGENCY EVENTS ON ROADS AND THE LIKE, IN PARTICULAR IN POOR VISIBILITY CONDITIONS, IN TUNNELS AND DURING THE NIGHT

Publication

**EP 0401175 A3 19910227 (EN)**

Application

**EP 90830220 A 19900518**

Priority

IT 2077489 A 19890602

Abstract (en)

[origin: EP0401175A2] The present invention relates to a portable device for signalling emergency events on roads and the like, in particular in poor visibility conditions, in tunnels and during the night, the main feature of which is that it comprises a support member adapted to receive the terminal portions of a plurality of optical fibres which are adapted to provide at least a signalling pattern corresponding to a signal of the enforcing road code. The support member is coupled to a base, which houses a light source which can be power supplied by a rechargeable battery or through the coupling to an outside power supply mains.

IPC 1-7

**E01F 9/01; B60Q 7/00; F21V 8/00; G09F 13/00**

IPC 8 full level

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Citation (search report)

- [Y] DE 3031246 A1 19820325 - FRITTEL BRUNO
- [Y] GB 2051447 A 19810114 - RANK ORGANISATION LTD
- [A] CH 455864 A 19680515 - SOBAL S A [CH]
- [A] US 3521596 A 19700721 - SCHLEIN SEYMOUR N
- [A] US 4253085 A 19810224 - HIDLER HENRY T, et al
- [A] FR 2466819 A1 19810410 - PARIENTE ELIE [FR]
- [A] FR 2501884 A1 19820917 - NEUHAUS SA JEAN [FR]
- [A] FR 2500667 A1 19820827 - DANDREL FRANCOIS [FR]
- [A] FR 2505749 A3 19821119 - LAGUILLIER JEAN [FR]
- [A] FR 2243484 A1 19750404 - JENAER GLASWERK SCHOTT & GEN [DE]
- [A] NL 8601672 A 19880118 - ROMEIJN P ELECTRO TECH BV
- [XE] EP 0390749 A1 19901003 - INNOVAZIONE SRL [IT]

Cited by

FR2686104A1; EP0539615A1; DE4201315A1; DE19613197A1; GB2308896A; GB2308896B; GB2308897A; GB2308897B; US5727103A

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DOCDB simple family (publication)

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