

Title (en)
Intelligent active/passive LED surface-emitting traffic sign

Title (de)
Intelligentes aktives/passives oberflächenemittierendes LED-Verkehrszeichen

Title (fr)
PANNEAU DE SIGNALISATION À DEL INTELLIGENT ACTIF/PASSIF À ÉMISSION PAR LA SURFACE

Publication
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Application
EP 14001919 A 20140603

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Abstract (en)
The present invention discloses an intelligent active/passive LED surface-emitting traffic sign, comprising an intelligent controller and an LED surface-emitting traffic sign; in the technical scheme of the present invention, the intelligent active/passive LED surface-emitting traffic sign comprises a base plate, an intelligent controller arranged at the rear end of the base plate, an organic light guide plate arranged at the front end of the base plate, a panel arranged at the front end of the organic light guide plate, a traffic sign indication film arranged on the panel, a peripheral protective enclosure arranged on the periphery of the base plate, organic light guide plate, panel, and traffic sign indication film, and several LED light sources arranged on an inner wall of the peripheral protective enclosure facing directly the organic light guide plate. Utilizing an intelligent controller, the traffic sign in the present invention detects the ambient light intensity automatically, and switches on the LED light sources accordingly, the traffic sign employs a FLASHING illuminating manner and attains an excellent illuminating effect, and is low in cost and energy consumption, without glaring phenomenon; in addition, the traffic sign can also provide road traffic indication by means of a reflecting traffic sign indication film in case of power outage of the LED light sources.

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