

Title (en)
LIGHTING MODULE FOR ILLUMINATING TRAFFIC ROUTES, AND TRAFFIC ROUTE LUMINAIRE

Title (de)
LEUCHTMODUL ZUR VERKEHRSSWEGEBELEUCHTUNG UND VERKEHRSSWEGELEUCHTE

Title (fr)
MODULE D'ÉCLAIRAGE POUR L'ÉCLAIRAGE DE VOIES DE CIRCULATION ET APPAREIL D'ÉCLAIRAGE DE VOIES DE CIRCULATION

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Application
EP 11706774 A 20110210

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Abstract (en)
[origin: WO2011098515A1] A lighting module (10) for the stationary illumination of traffic routes has multiple light-emitting diodes (20A - 24C) and a light-shaping element (12). The light-shaping element (12) has multiple refractive optical free-form surfaces (26, 28, 30) for shaping light and at least one light-scattering region (32) that is equipped to radiate diffused light that originates from the light-emitting diodes (20x, 22x, 24x) during the operation of the lighting module (10). A traffic route luminaire has a housing and multiple lighting modules (10) that lie in the housing such that longitudinal axes of the lighting modules (10) run adjacent and parallel to one another and light-radiating faces (36) of the lighting modules (10) are arranged in a sawtooth shape with respect to one another. The design according to the invention enables a good illumination of the traffic route area and prevents a glare or disturbance to passers-by and residents.

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Citation (search report)
See references of WO 2011098515A1

Citation (examination)
US 2008273327 A1 20081106 - WILCOX KURT S [US], et al

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