

Title (en)

POLARISATION METHODS AND DEVICES FOR ENHANCING VISIBILITY, PARTICULARLY IN VEHICLES

Title (de)

VERFAHREN UND VORRICHTUNG ZUR VERBESSERUNG DER SICHTBARKEIT INSBESONDERE IN FAHRZEUGEN MITTELS POLARISATION

Title (fr)

PROCEDES ET DISPOSITIFS DE POLARISATION POUR L'AMELIORATION DE LA VISIBILITE NOTAMMENT DANS LES MOBILES

Publication

EP 0828966 A1 19980318 (FR)

Application

EP 97901132 A 19970121

Priority

- FR 9700114 W 19970121
- FR 9600708 A 19960123

Abstract (en)

[origin: WO9727422A1] A method and a device for reducing the mutual dazzle between vehicles fitted with lights and travelling in opposite directions. The polarisation angle of the "receiving" screens (windscreen, back window) and the filters of the "transmitting" lights is 45 DEG in the vertical plane and perpendicular to the direction of propagation of the radiation between the transmitter and the receiver. The angle is to the right or the left of the vertical line on all vehicles, depending on a predetermined convention, so that the light beam from oncoming vehicles is neutralised. The device may also be used in daytime to conceal traffic signs fitted with rotary polarising filters, so that the polarisation planes between transmission and reception may be selectively crossed at 90 DEG or 0 DEG , depending on whether or not the sign is meant to be visible.

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