

Title (en)

DEVICE FOR IMPROVING THE BEAM PRODUCT

Title (de)

VORRICHTUNG ZUR VERBESSERUNG DES STRAHLPRODUKTES

Title (fr)

DISPOSITIF PERMETTANT D'AMELIORER LE PRODUIT FAISCEAU

Publication

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Application

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Abstract (en)

[origin: WO0014588A1] The invention relates to a device for improving the beam product of an incident main light bundle (3) or main fan of light (3'), comprising an aperture (2) which only allows an output light bundle or an output fan of light (3'') with a reduced beam product to pass through. Said aperture (2) is surrounded by a first reflecting surface or is configured in a first reflecting surface (6; 62; 97). The reflecting surface (6; 62; 97) reflects the light of the main light bundle (3) or main fan of light (3') that does not pass through the aperture (2) to an optical system (20, 16) that is provided. The optical system (20, 16) then guides this light back into the incident main light bundle (3) or main fan of light (3'), especially at a different angle, i.e. offset and/or enlarged or reduced.

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