

Title (en)
HEADLAMP FOR VEHICLES

Title (de)
SCHEINWERFER FÜR FAHRZEUGE

Title (fr)
PHARE POUR VÉHICULES

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Abstract (en)
[origin: CA3111958A1] The invention relates to a headlight for vehicles, comprising a light source, comprising a reflector arrangement containing at least one reflector module, comprising a first reflector, which has a reflector surface having a first focal point and a second focal point, the light source being arranged at the first focal point, and comprising a second reflector, which has a reflector surface having a focal point that coincides with the second focal point of the first reflector, wherein the first reflector is arranged in front of the light source in the main radiation direction, the reflector surface of the first reflector being curved, with a first opening portion arranged counter to the main radiation direction and with a second opening portion arranged in a manner offset by 90° in relation to the first opening portion and facing towards the second reflector, and wherein the reflector surface of the second reflector has free-form parts such that light striking the reflector surface of the second reflector is reflected in such a way that a light distribution having a predetermined light/dark boundary is produced.

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