

Title (en)
HEADLIGHT FOR A MOTORCYCLE

Title (de)
SCHEINWERFER FÜR EIN MOTORRAD

Title (fr)
PHARE DE MOTOCYCLE

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Application
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Abstract (en)
[origin: WO2014206625A1] The invention relates to a headlight for motorcycle, having a lighting device (1) comprising a plurality of light sources (2), wherein a dipped beam light distribution (AV) in front of the motorcycle, said distribution comprising a first angle (ϕ_1) and a second angle (ϕ_2) in a local coordinate system of the lighting device (1), can be generated by means of the lighting device (1). During straight-ahead driving of the motorcycle, the first angle (ϕ_1) runs in a horizontal direction represented by a first axis (A1), whereas the second angle (ϕ_2) runs in a vertical direction represented by a second axis (A2). The region of the dipped beam light distribution with the highest light intensity lies on the second axis (A2), and a bright-dark boundary of the dipped beam light distribution (AV) runs in a section of the first axis (A1) that crosses the second axis (A2). The first angle (ϕ_1) is represented by values that begin at zero degrees on the second axis (A2) and increase both to the left and to the right along the first axis (A1), and the second angle (ϕ_2) is represented by values that begin at zero degrees on the first axis (A1) and increase both upwards and downwards along the second axis (A2). The headlight according to the invention is distinguished in that the lighting device (1) comprises at least one diaphragm (5) and/or at least one free-form reflector (3'), which are shaped such that light zones (LZ) having a light intensity of at least 400 cd can be generated in the dipped beam light distribution (AV) above the first axis (A1) to the left and right of the second axis (A2), wherein a respective light zone (LZ) is included in an angle range of the first angle (ϕ_1) that extends from 5 degrees to the left and right of the second axis (A2).

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