

Title (en)
ADAPTIVE HEADLIGHT FOR VEHICLES

Title (de)
ADAPTIVER SCHEINWERFER FÜR KFZ

Title (fr)
PHARE ADAPTATIF POUR VÉHICULES

Publication
EP 3835649 A1 20210616 (EN)

Application
EP 19215476 A 20191212

Priority
EP 19215476 A 20191212

Abstract (en)
An adaptive headlight includes a light emitting module (1) including a first lens (3), a light emitting unit (4) and a second lens (6), and a control circuit (2) . The light emitting unit (4) is disposed behind the first lens (3) and includes light emitting diodes (42) arranged transversely, emitting light beams for forming virtual light sources (F) by the first lens (3), and being controlled by the control circuit (2) to change intensity of the light beam emitted thereby. The second lens (6) is disposed in front of the first lens (3) and is configured to form a focal curve (C) on which the virtual light sources (F) are arranged. The light beams of the virtual light sources project forwardly through the first and second lenses (3, 4) as collimated light beams to provide a relatively good concentration and collimation.

IPC 8 full level
F21S 41/143 (2018.01); **F21S 41/151** (2018.01); **F21S 41/153** (2018.01); **F21S 41/20** (2018.01); **F21S 41/26** (2018.01); **F21S 41/32** (2018.01); **F21S 41/663** (2018.01)

CPC (source: EP)
F21S 41/143 (2017.12); **F21S 41/151** (2017.12); **F21S 41/153** (2017.12); **F21S 41/26** (2017.12); **F21S 41/265** (2017.12); **F21S 41/285** (2017.12); **F21S 41/321** (2017.12); **F21S 41/663** (2017.12)

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Designated contracting state (EPC)
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