

Title (en)

ELECTRONIC ASSEMBLY AND AUTOMOTIVE LIGHTING DEVICE

Title (de)

ELEKTRONISCHE BAUGRUPPE UND KRAFTFAHRZEUGBELEUCHTVORRICHTUNG

Title (fr)

ENSEMBLE ÉLECTRONIQUE ET DISPOSITIF D'ÉCLAIRAGE POUR AUTOMOBILE

Publication

EP 3716733 A1 20200930 (EN)

Application

EP 19382215 A 20190327

Priority

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Abstract (en)

The invention is referred to an electronic assembly (1) for an automotive lighting device (10). This electronic assembly (1) comprises a single power input (2), a single communication input (3) and a main driver element (4), which comprises driver inputs (40) arranged in direct bi-directional communication with the communication input and further comprising driver discrete outputs (41). The electronic assembly (1) further comprises a first group of light sources (7), electrically fed by the power input (2) and a first power unit (21) arranged between one driver discrete output (41) and the first group of light sources (7). The main driver element (4) comprises a hardware finite-state machine (43) configured to provide a bi-directional communication between the communication input (3) and the first power unit (21).

CPC (source: EP)

H05B 45/30 (2020.01); **H05B 47/18** (2020.01)

Citation (applicant)

US 2005212459 A1 20050929 - PATEL SANMUKH M [US], et al

Citation (search report)

- [X] US 2017253172 A1 20170907 - CANONNE THOMAS [FR], et al
- [I] US 2016338167 A1 20161117 - STEINER JAMES P [US]

Cited by

EP4203620A1

Designated contracting state (EPC)

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Designated extension state (EPC)

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