

Title (en)
AUTOMOTIVE LIGHTING UNIT

Title (de)
BELEUCHTUNGSEINHEIT FÜR KRAFTFAHRZEUGE

Title (fr)
UNITÉ D'ÉCLAIRAGE D'AUTOMOBILE

Publication
EP 3270044 B1 20200916 (EN)

Application
EP 17181562 A 20170714

Priority
IT 201600074010 A 20160715

Abstract (en)
[origin: EP3270044A1] An automotive lighting unit (1) comprising a lighting assembly (5) capable of backlighting a transparent or semi-transparent portion (3a) of the front half-shell (3); the lighting assembly (5) comprising: a platelike light-guide body (6) made of photoconductive material, which is arranged inside the rear casing (2) with its front sidewall (7) facing said transparent or semi-transparent portion (3a), and with its rear side (8) facing the rear casing (2); and a series of LED diodes (10) which are spaced one side-by-side the other along a reference line that substantially follows the shape of the rear sidewall (8) of the platelike light-guide body (6), which face the rear sidewall (8) so as to direct the light towards the rear sidewall (8), and which are spaced from the rear sidewall (8) of the platelike light-guide body (6) so that the intersection line (f) of the light cones (C) emitted by the LED diodes (10) is located between the rear sidewall (8) of the platelike light-guide body (6) and the same LED diodes (10).

IPC 8 full level
F21S 43/239 (2018.01); **F21S 43/243** (2018.01); **F21S 43/249** (2018.01); **F21S 43/14** (2018.01); **F21Y 103/30** (2016.01); **F21Y 115/10** (2016.01)

CPC (source: EP)
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Cited by
EP3534062A1; FR3078559A1

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