

Title (en)
LIGHT-SOURCE ARRANGEMENT IN A PIXEL-LIGHT LIGHT MODULE

Title (de)
LICHTQUELLEN-ANORDNUNG IN EINEM PIXELLICHT-LICHTMODUL

Title (fr)
ENSEMBLE DE SOURCES LUMINEUSES DANS UN MODULE DE LUMIÈRE DE PIXEL

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Application
EP 16766219 A 20160905

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Abstract (en)
[origin: WO2017045000A1] The invention relates to a lighting device (20, 30) for a floodlamp, in particular a motor-vehicle headlamp, comprising a plurality of light sources (200, 300), which are arranged adjacent to each other in rows (201, 202, 203, 301, 302, 303) and which form a lighting field (209, 309), and comprising a light-guiding device (204, 304) having a plurality of light-guiding elements (201a, 202a, 203a, 301a, 302a, 303a), wherein each light-guiding element (201a, 202a, 203a, 301a, 302a, 303a) is associated with one light source (200, 300), wherein each light-guiding element (201a, 202a, 203a, 301a, 302a, 303a) has a light incoupling surface (201b, 202b, 203b, 301b, 302b, 303b) for coupling in light emitted by the particular light source and a light outlet surface, wherein the light-guiding elements (201a, 202a, 203a, 301a, 302a, 303a) are arranged in at least two linear rows (211, 212, 213, 311, 312, 313) arranged one over the other, and wherein the light-guiding elements (203a, 303a) of the lowest row (213, 313) are designed as high-beam light-guiding elements (201a, 301a) and form a high-beam row (213, 313), wherein the vertical distance between the light sources (200, 300) of the high-beam row (213, 313) and the light sources (200, 300) of the row (212, 312) arranged adjacent in the upward direction is smaller in at least one lateral edge region (208, 308) of the lighting field (209, 309) than in a central region (207, 307) of the lighting field (209, 309).

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