

Title (en)

Assembly for creating an elongate light source

Title (de)

Anordnung zur Bildung einer länglichen Lichtquelle

Title (fr)

Agencement de formation d'une source lumineuse longitudinale

Publication

**EP 2166276 B1 20141119 (DE)**

Application

**EP 09170412 A 20090916**

Priority

DE 202008012463 U 20080919

Abstract (en)

[origin: EP2166276A1] The arrangement has a set of punctiform individual-light sources (4) i.e. LEDs, arranged one behind the other in a longitudinal direction. A transparent light delivery element (20) is arranged before the light sources, and is viewed in a direction of beam. A light mixing unit comprises a light mixing chamber (6) in form of an elongated hollow space, where the chamber extends itself from the light sources to the delivery element. Side walls (9) of the space are designed in a diffuse reflective manner. A lenticular foil (5) is arranged between the light sources and the chamber.

IPC 8 full level

**F21S 4/00** (2006.01); **F21V 13/04** (2006.01); **F21Y 101/02** (2006.01)

CPC (source: EP US)

**F21S 4/28** (2016.01 - EP); **F21V 5/007** (2013.01 - EP US); **F21V 5/008** (2013.01 - EP US); **F21V 5/043** (2013.01 - EP US); **F21V 13/02** (2013.01 - EP US); **F21V 13/04** (2013.01 - EP US); **F21V 17/16** (2013.01 - EP); **F21V 15/013** (2013.01 - EP); **F21Y 2103/10** (2016.07 - EP US); **F21Y 2113/17** (2016.07 - EP); **F21Y 2115/10** (2016.07 - EP US)

Cited by

AT516127A1; CN106716516A; JP2014179347A

Designated contracting state (EPC)

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DOCDB simple family (publication)

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