

Title (en)
A LINEAR LIGHT SOURCE STRIP LIGHT

Title (de)
STREIFENLICHT MIT LINEARER LICHTQUELLE

Title (fr)
BANDE LUMINEUSE LINEAIRE A SOURCE LUMINEUSE

Publication
EP 4206519 A1 20230705 (EN)

Application
EP 22214153 A 20221216

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CN 202111678745 A 20211231

Abstract (en)
This embodiment discloses a linear light source strip lamp, comprising: a strip-shaped light frame; a strip circuit board arranged on the strip-shaped light frame, and light-emitting chips arranged at intervals along the length direction on the front; a strip lens , arranged in the light-emitting direction of the light-emitting chip, the strip lens includes a light-entry area, a light-emitting area, and a total reflection area, and the light-emitting area is provided with a first convex lens array arranged along the length direction, the first convex lens array stretches the light-emitting chips along the length direction so that adjacent light-emitting chips are connected to each other to form a linear light source effect; the strip-shaped lampshade is arranged on the strip-shaped lamp holder and is located outside the strip-shaped lens; the strip-shaped lampshade A shaped lampshade is provided with said light diffusion area at least partially covering said total reflection area.

IPC 8 full level
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Citation (search report)
• [XY] DE 202014100784 U1 20140227 - ITZ INNOVATIONS UND TECHNOLOGIEZENTRUM GMBH [DE]
• [Y] WO 2021089250 A1 20210514 - SELF ELECTRONICS CO LTD [CN], et al
• [Y] US 2020400285 A1 20201224 - HE ZUPING [CN], et al

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