

Title (en)
LAMP LENS

Title (de)
LAMPENLINSE

Title (fr)
LENTILLE DE LAMPE

Publication
EP 3453951 B1 20210310 (EN)

Application
EP 17001509 A 20170907

Priority
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Abstract (en)
[origin: EP3453951A1] A lamp lens is adapted to transmit light, and includes spaced-apart light input and output surfaces (1, 2) and a reflecting surface (3). The light input surface (1) has a surrounding surface portion (11) and an end surface portion (12) connected to a front end of the surrounding surface portion (11). The reflecting surface (3) extends from the light input surface (1) to the light output surface (2), and has a plurality of reflecting segments (311) and optical structures (34). The reflecting segments (311) are adapted for total reflection of a portion of the light which enters the lamp lens through the light input surface (1). Each adjacent two of the reflecting segments (311) form a stepped surface structure. The optical structures (34) are adapted to prevent total reflection of a portion of the light.

IPC 8 full level
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CPC (source: EP)
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