

Title (en)

Optical design of a reflector for reflecting light rays

Title (de)

Optisches Design für einen Reflektor zum Reflektieren von Lichtstrahlen

Title (fr)

Conception de l'optique d'un réflecteur pour réfléchir des rayons lumineux

Publication

EP 1035370 B1 20051221 (DE)

Application

EP 00100805 A 20000117

Priority

DE 19910192 A 19990309

Abstract (en)

[origin: EP1035370A2] The reflector has a reflection surface with facets for reflecting light beams and for generating a light field with a hollow base body with a first end for accommodating a light body and a second end with a light outlet opening. The shapes of individual facets and their positions wrt. the optical axis of the reflector are selected in a defined manner to produce a defined light field contour for a given shape of light body.

IPC 1-7

F21V 7/04

IPC 8 full level

G02B 5/10 (2006.01); **F21V 7/04** (2006.01); **F21V 7/09** (2006.01)

CPC (source: EP US)

F21V 7/04 (2013.01 - EP US); **F21V 7/048** (2013.01 - EP US); **F21V 7/09** (2013.01 - EP US)

Cited by

EP2090823A1; EP2204607A3; CN103244906A; DE102009012210A1; US8197101B2; EP2320129A1; DE102009053207A1; US8366277B2

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EP 1035370 A2 20000913; **EP 1035370 A3 20011031**; **EP 1035370 B1 20051221**; AT E313759 T1 20060115; AT E392583 T1 20080515; DE 19910192 A1 20000921; DE 19910192 C2 20020404; DE 50011880 D1 20060126; DE 50015114 D1 20080529; EP 1643186 A1 20060405; EP 1643186 B1 20080416; JP 2000275414 A 20001006; US 6361175 B1 20020326

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