

Title (en)
LIGHT INFLUENCING ELEMENT

Title (de)
LICHTBEEINFLUSSUNGSELEMENT

Title (fr)
ELEMENT INFLUANT SUR LA LUMIERE

Publication
EP 1608909 A1 20051228 (DE)

Application
EP 04725352 A 20040402

Priority
• EP 2004003520 W 20040402
• DE 10315268 A 20030403

Abstract (en)
[origin: CA2521058A1] The invention relates to a light influencing element (6), i.e. the element which deviates the light emitted by a light source (4) to a predetermined angular range. The inventive element comprises a plurality of rib-like grid elements (7, 12) which are provided with reflecting lateral walls and are arranged in the form of a regular structure. The maximum height (H) of said grid elements (7, 12) is equal to 5 mm. Said light influencing element makes it possible to obtain a larger freedom for light shaping and to provide a lamp with an attractive aspect.

IPC 1-7
F21V 11/06

IPC 8 full level
F21V 5/02 (2006.01); **F21V 11/06** (2006.01)

CPC (source: EP US)
F21V 5/002 (2013.01 - EP US); **F21V 5/02** (2013.01 - EP US); **F21V 11/02** (2013.01 - EP US); **F21V 11/06** (2013.01 - EP US); **F21Y 2103/00** (2013.01 - EP US); **F21Y 2105/00** (2013.01 - EP US); **F21Y 2115/10** (2016.07 - EP US); **Y10T 428/24355** (2015.01 - EP US); **Y10T 428/24364** (2015.01 - EP US)

Citation (search report)
See references of WO 2004088203A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
DE 10315268 A1 20041014; AU 2004225784 A1 20041014; AU 2004225784 B2 20080925; CA 2521058 A1 20041014; CA 2521058 C 20111101; CN 100532928 C 20090826; CN 1768232 A 20060503; EP 1608909 A1 20051228; EP 1608909 B1 20150225; EP 2295851 A2 20110316; EP 2295851 A3 20140903; EP 2295851 B1 20170315; NO 20054373 D0 20050921; NO 20054373 L 20051103; NO 336741 B1 20151026; NZ 542705 A 20080229; US 2006216474 A1 20060928; US 7766506 B2 20100803; WO 2004088203 A1 20041014

DOCDB simple family (application)
DE 10315268 A 20030403; AU 2004225784 A 20040402; CA 2521058 A 20040402; CN 200480008765 A 20040402; EP 04725352 A 20040402; EP 10183921 A 20040402; EP 2004003520 W 20040402; NO 20054373 A 20050921; NZ 54270504 A 20040402; US 55146405 A 20051003