

Title (en)
DIMMING SYSTEM FOR A SEARCHLIGHT

Title (de)
DIMMVORRICHTUNG FÜR EINEN SCHEINWERFER

Title (fr)
DISPOSITIF DE VARIATION D'ÉCLAIRAGE POUR UN PROJECTEUR

Publication
EP 2016331 B1 20100519 (DE)

Application
EP 07724661 A 20070423

Priority
• EP 2007003732 W 20070423
• DE 202006007227 U 20060428

Abstract (en)
[origin: WO2007124922A1] The invention relates to a dimming system for a searchlight for adjusting the brightness of a light field generated by a searchlight, with at least one screening element that is constructed and arranged to partially or completely screen the light emitted by the searchlight. According to the invention, the at least one screening element is constructed using a structured mask at least partially screening the light emitted by the searchlight (1), and means are provided for stepwise adjustment of the brightness of the generated light field of the searchlight (1) either to bring the at least one screening element into the region of the light emitted by the searchlight (1) to reduce the brightness of the generated light field by one brightness step, or to remove it from the region of the light emitted by the searchlight (1) to increase the brightness of the generated light field by one brightness step.

IPC 8 full level
F21S 8/00 (2006.01); **F21V 9/40** (2018.01); **F21V 11/00** (2006.01); **F21V 14/08** (2006.01); **F21Y 101/00** (2016.01)

CPC (source: EP US)
F21V 9/40 (2018.01 - EP US); **F21V 11/00** (2013.01 - EP US); **F21V 14/08** (2013.01 - EP US); **F21V 17/02** (2013.01 - EP US); **F21V 11/14** (2013.01 - EP US); **F21V 21/30** (2013.01 - EP US); **F21W 2131/406** (2013.01 - EP US)

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
DE 202006007227 U1 20060720; DE 502007003863 D1 20100701; EP 2016331 A1 20090121; EP 2016331 B1 20100519; JP 2009535760 A 20091001; JP 5138674 B2 20130206; US 2009073696 A1 20090319; US 7862208 B2 20110104; WO 2007124922 A1 20071108

DOCDB simple family (application)
DE 202006007227 U 20060428; DE 502007003863 T 20070423; EP 07724661 A 20070423; EP 2007003732 W 20070423; JP 2009506992 A 20070423; US 22681107 A 20070423