

Title (en)  
PROJECTOR

Title (de)  
SCHEINWERFER

Title (fr)  
PHARE

Publication  
**EP 1896771 B1 20090107 (DE)**

Application  
**EP 06743180 A 20060619**

Priority  
• EP 2006005951 W 20060619  
• DE 102005029669 A 20050622

Abstract (en)  
[origin: WO2006136388A2] Disclosed is a projector comprising a lamp and a reflector which reflects the light beams emitted by the lamp towards a light output hole of the projector. The position of the reflector and the lamp relative to each other can be modified, the distribution of the light that is output being adjustable by displacing the reflector and/or the lamp. The reflector is provided with facets which embody a reflective surface to reflect the light beams emitted by the lamp. The surface shape of said facets is designed such that the light beams generate a luminous field which has a desired light distribution and whose light beam width can be adjusted within a large range by displacing the reflector and/or the lamp.

IPC 8 full level  
**F21V 14/04** (2006.01); **F21V 7/04** (2006.01); **F21Y 101/00** (2016.01)

CPC (source: EP US)  
**F21V 7/04** (2013.01 - EP US); **F21V 7/09** (2013.01 - EP US); **F21V 14/04** (2013.01 - EP US)

Designated contracting state (EPC)  
DE FR GB IT

DOCDB simple family (publication)  
**WO 2006136388 A2 20061228; WO 2006136388 A3 20070308**; DE 102005029669 A1 20070111; DE 502006002594 D1 20090226;  
EP 1896771 A2 20080312; EP 1896771 B1 20090107; JP 2008544321 A 20081204; JP 5048662 B2 20121017; US 2008198605 A1 20080821;  
US 8366277 B2 20130205

DOCDB simple family (application)  
**EP 2006005951 W 20060619**; DE 102005029669 A 20050622; DE 502006002594 T 20060619; EP 06743180 A 20060619;  
JP 2008517406 A 20060619; US 92283606 A 20060619