

Title (en)
Light emitting unit and vehicle lamp

Title (de)
Lichtemittierende Vorrichtung und Fahrzeugleuchte

Title (fr)
Unité électroluminescente et phare de véhicule

Publication
EP 2405191 A1 20120111 (EN)

Application
EP 11173013 A 20110707

Priority
JP 2010156027 A 20100708

Abstract (en)
A light emitting unit (30) has an attachment member (36) for attaching to a specific position on a lamp. The light emitting unit (30) comprises a light emitting element mounting portion (36c) provided on the attachment member (36); a light emitting element (38); an optical member (40) provided on the attachment member (36); a drive module (42) configured to drive the optical member (40) and controls light distribution from the light emitting element (38); and a power supply module (42) configured to supply power to the light emitting element (38) and the drive module (42).

IPC 8 full level
F21V 14/08 (2006.01); **F21S 8/12** (2006.01)

CPC (source: EP US)
F21S 41/143 (2017.12 - EP US); **F21S 41/148** (2017.12 - EP US); **F21S 41/686** (2017.12 - EP); **F21S 41/689** (2017.12 - EP);
F21S 41/698 (2017.12 - EP US)

Citation (applicant)
JP 2009048948 A 20090305 - KOITO MFG CO LTD

Citation (search report)
• [X] US 2009046474 A1 20090219 - SATO NORIKO [JP], et al
• [X] EP 1270325 A2 20030102 - HELLA KG HUECK & CO [DE]
• [Y] US 2010165654 A1 20100701 - OKUBO YASUHIRO [JP], et al
• [Y] DE 102008039071 A1 20100225 - HELLA KGAA HUECK & CO [DE]
• [A] EP 1422472 A2 20040526 - VALEO VISION [FR]
• [A] US 2009067186 A1 20090312 - FUTAMI TAKASHI [JP]

Cited by
DE102013219710A1; EP2796321A3; EP2522898A3; EP2620325A1; FR2986196A1; EP2551581A3; US8864350B2; US9121562B2;
EP2947379A2

Designated contracting state (EPC)
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Designated extension state (EPC)
BA ME

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