

Title (en)
Vehicle headlight with a complex-surface reflector

Title (de)
Kraftfahrzeugscheinwerfer mit einem eine komplexe Oberfläche aufweisenden Reflektor

Title (fr)
Phare de véhicule à réflecteur à surface complexe

Publication
EP 0703403 A1 19960327 (EN)

Application
EP 95114817 A 19950920

Priority
IT TO940733 A 19940920

Abstract (en)
A headlight (1) presenting a light source (3), a reflector (5), and a prisms lens in front of the reflector, wherein the reflector (5) picks up the source emitted light 360 DEG about the source, and wherein the source (3) is aligned with the optical axis (Ao) of the headlight; the reflector (5) presenting a complex reflecting surface (7) in turn presenting a number of different sectors (9,10,13,14,19,20,21) connected substantially seamlessly, none of which is defined by a surface of revolution, and most of which are defined by surfaces generated by translating a generating base curve - defined in a first plane - along a supporting curve defined in a second plane perpendicular to the first. <IMAGE> <IMAGE>

IPC 1-7
F21M 3/08

IPC 8 full level
F21S 8/12 (2006.01); **F21V 7/00** (2006.01)

CPC (source: EP)
F21S 41/335 (2018.01)

Citation (applicant)
• FR 2536502 A1 19840525 - CIBIE PROJECTEURS [FR]
• EP 0373065 A1 19900613 - VALEO VISION [FR]

Citation (search report)
• [YD] US 4530042 A 19850716 - CIBIE PIERRE [FR], et al & FR 2536502 A1 19840525 - CIBIE PROJECTEURS [FR]
• [Y] EP 0084934 A1 19830803 - LUCAS IND PLC [GB]
• [A] US 1732884 A 19291022 - FOSTER HARRY C

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US5725298A; AU714638B2

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EP 0703403 A1 19960327; EP 0703403 B1 20000531; DE 69517272 D1 20000706; DE 69517272 T2 20001130; ES 2146690 T3 20000816; IT 1266928 B1 19970121; IT TO940733 A0 19940920; IT TO940733 A1 19960320

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