

Title (en)
HEADLIGHT FOR VEHICLES

Title (de)
SCHEINWERFER FÜR FAHRZEUGE

Title (fr)
PROJECTEUR POUR VÉHICULES

Publication
EP 2220425 B1 20200916 (DE)

Application
EP 08847242 A 20081105

Priority
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Abstract (en)
[origin: WO2009059983A1] The invention relates to a headlight for vehicles having a plurality of LED light sources and having at least one optical unit, which is connected upstream of the LED light sources, said LED light sources being disposed in groups, having a group of LED light sources for generating a predetermined light distribution, said LED light sources of a group of LED light sources being equal in size, said LED light sources of a group of LED light sources having a dimension and/or said optical unit having an imaging characteristic such that at least one predefined light function is completely generated by the group of LED light sources in the vehicle foreground, light spots which have a vertical and/or critical angle in the range between 0.2° and 1° being imaged.

IPC 8 full level
F21S 41/143 (2018.01); **F21S 41/663** (2018.01)

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Citation (examination)
• DE 102005041234 A1 20070301 - HELLA KGAA HUECK & CO [DE]
• DE 102004016416 A1 20041118 - KOITO MFG CO LTD [JP]
• DE 102005030932 A1 20070104 - HELLA KGAA HUECK & CO [DE]
• WO 2004088200 A2 20041014 - OSRAM OPTO SEMICONDUCTORS GMBH [DE], et al
• DE 10153031 A1 20030612 - AUDI AG [DE]
• EP 1780462 A1 20070502 - VALEO VISION [FR]
• DE 10315133 A1 20041014 - HELLA KG HUECK & CO [DE]
• WO 2006096467 A2 20060914 - OSRAM SYLVANIA INC [US], et al

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DOCDB simple family (publication)
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