

Title (en)
Vehicle headlights

Title (de)
Scheinwerfer für Fahrzeuge

Title (fr)
Projecteur de véhicule

Publication
EP 0890785 B1 20060830 (DE)

Application
EP 98112725 A 19980709

Priority
• DE 19729478 A 19970710
• DE 19814478 A 19980401

Abstract (en)
[origin: EP0890785A2] The headlamp has a reflector (10). It has a light source (12), a lens (16) through which the light from the reflector passes and an at least partially transparent element (40) partially enclosing the circumference of the lens. Light from the source which misses the reflector passes through the transparent enclosing element, which this element is at least partially in the form of a Fresnel lens with annular optical profiles (42).

IPC 8 full level
F21V 5/04 (2006.01); **F21S 8/10** (2006.01); **F21S 8/12** (2006.01); **F21V 5/00** (2006.01); **F21V 7/00** (2006.01); **G02B 3/08** (2006.01)

CPC (source: EP US)
F21S 41/28 (2017.12 - EP US); **F21S 41/25** (2017.12 - EP US)

Cited by
CN105351771A; EP1176361A3; CN109764303A; GB2350883A; GB2350883B; US6382822B1

Designated contracting state (EPC)
DE ES FR IT

DOCDB simple family (publication)
EP 0890785 A2 19990113; EP 0890785 A3 20010117; EP 0890785 B1 20060830; DE 59813700 D1 20061012; US 6220736 B1 20010424

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EP 98112725 A 19980709; DE 59813700 T 19980709; US 11289398 A 19980709