

Title (en)
ANTIGLARE REFLECTOR FOR LIGHT SOURCES

Publication
EP 0442246 A3 19911009 (EN)

Application
EP 90830346 A 19900725

Priority
IT 932090 A 19900216

Abstract (en)
[origin: EP0442246A2] Optical reflector (1) for light sources having a portion of its reflecting surface behind the light source (2) which exhibits a profile of two circle involutes (2a, 2b) disposed symmetrically on either side of a vertical axis and intersecting at a prefixed distance from the source. The two involutes have each as generator circle the cross section of the source and their origins are on one side of the circle. The two involute profile portions merge with two profile portions appearing as parabola branches (4a, 4b) of which the axes are angled and convergent. The reflector is glare-free, combining maximum photometric efficiency with compact dimensions, and sheds light uniformly onto a work area beneath. <IMAGE>

IPC 1-7
F21V 7/12

IPC 8 full level
F21V 7/00 (2006.01); **G02B 5/10** (2006.01)

CPC (source: EP)
F21V 7/005 (2013.01)

Citation (search report)
• [Y] DE 2755253 A1 19780622 - POULSEN & CO AS L
• [Y] EP 0008006 A1 19800220 - SIEMENS AG [DE]
• [A] GB 884068 A 19611206 - JOZEF FRANCISCUS NIELAND

Cited by
US5567042A; US5394317A; EP0854317A2; US6837593B1; WO9706454A3; WO0122000A3; WO0186197A1; WO0165171A3

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB GR LI LU NL SE

DOCDB simple family (publication)
EP 0442246 A2 19910821; EP 0442246 A3 19911009; IT 1238880 B 19930904; IT 9009320 A0 19900216; IT 9009320 A1 19910817; JP H04214503 A 19920805

DOCDB simple family (application)
EP 90830346 A 19900725; IT 932090 A 19900216; JP 1612691 A 19910207