

Title (en)
Segmented Fresnel lens

Title (de)
Segmentierte Fresnel-Linse

Title (fr)
Lentille de Fresnel segmentée

Publication
EP 1258846 B1 20041208 (EN)

Application
EP 02010315 A 20020507

Priority
IT MI20011024 A 20010517

Abstract (en)
[origin: EP1258846A2] A segmented Fresnel lens with a spherical surface is described, comprising a plurality of Fresnel lens segments able to concentrate the respective detection rays onto an optical sensor (10) disposed in the focal region (11) of the lens, the lens (1) having two bands one above the other (5, 6) on the outside, each with nine plastic segments (S), whilst said Fresnel lens segments or radiation segments are (17) in number, thus distributed from bottom to top on four bands one above the other: three segments in the bottom band (C), five segments in the middle band (B), six segments in the middle band (A) and three segments in the top band (D). <IMAGE>

IPC 1-7
G08B 13/193

IPC 8 full level
G08B 13/193 (2006.01)

CPC (source: EP)
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Cited by
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EP 1258846 A2 20021120; EP 1258846 A3 20030521; EP 1258846 B1 20041208; AT E284563 T1 20041215; DE 60202167 D1 20050113; DE 60202167 T2 20051208; ES 2233741 T3 20050616; IT MI20011024 A0 20010517; IT MI20011024 A1 20021117; PT 1258846 E 20050429

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