

Title (en)

Apparatus for scanning a visual field

Title (de)

Vorrichtung zur Abtastung eines Gesichtsfeldes

Title (fr)

Dispositif pour balayer un champ visuel

Publication

EP 0797069 A3 19991229 (DE)

Application

EP 97103934 A 19970310

Priority

DE 19611609 A 19960323

Abstract (en)

[origin: EP0797069A2] The device scans the field with a number of beams each associated with its own optical imaging system. The output from a laser diode array (18) passes through a beam-broadening cylindrical lens (20) to a polygonal mirror (22) which has 12 facets (28) and rotates about its longitudinal axis (24). An infrared image sensor (10) and an RGB row detector (14) in the visible wavelength region are aligned with separate imaging systems (12,16). The beams overlap at least partially within the field of view.

IPC 1-7

F41G 7/34

IPC 8 full level

F41G 7/34 (2006.01)

CPC (source: EP)

F41G 7/343 (2013.01)

Citation (search report)

- [XA] EP 0156181 A1 19851002 - SIEMENS AG [DE]
- [A] EP 0111429 A1 19840620 - AEROSPATIALE [FR]
- [AD] US 3822098 A 19740702 - RUDDER C, et al

Cited by

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Designated contracting state (EPC)

DE FR GB SE

DOCDB simple family (publication)

EP 0797069 A2 19970924; EP 0797069 A3 19991229; EP 0797069 B1 20050608; DE 19611609 A1 19970925; DE 59712336 D1 20050714

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