Title (en)

Remote controller with narrowed acting angle

Title (de)

Fernsteuerung mit reduziertem Wirkungswinkel

Title (fr)

Contrôleur à distance avec angle en fonction du rétrécissement

Publication

EP 1850301 A1 20071031 (EN)

Application

EP 06290693 A 20060428

Priority

EP 06290693 A 20060428

Abstract (en)

An optical signal remote controller with narrowed acting angle having an optical signal emitter and a light guiding element used to narrow the acting angle of the optical signal emitted by the optical signal emitter is provided. The remote controller further includes a modulating apparatus, which move the light guiding element between a wide angle position and a narrow angle position to selectively narrow the acting angle. In the embodiments, a laser position indicator is also provided to indicate the targeting direction of acting angle.

IPC 8 full level

G08C 23/04 (2006.01)

CPC (source: EP)

G08C 23/04 (2013.01); G08C 2201/71 (2013.01)

Citation (applicant)

- JP S6384329 B
- WO 03025882 A1 20030327 - STORBECK JONATHAN [GB]
- US 2005128119 A1 20050616 - KYOTO TOMOAKI [JP]
- US 5534865 A 19960709 - KRIEGSMAN IRVING M [US], et al
- US 2004040674 A1 20040304 - HAUCK ERIC W [US], et al

Citation (search report)

- [X] WO 03025882 A1 20030327 - STORBECK JONATHAN [GB]
- [X] US 2005128119 A1 20050616 - KYOTO TOMOAKI [JP]
- [Y] US 5534865 A 19960709 - KRIEGSMAN IRVING M [US], et al
- [Y] US 2004040674 A1 20040304 - HAUCK ERIC W [US], et al
- [XY] PATENT ABSTRACTS OF JAPAN vol. 012, no. 320 (E - 651) 30 August 1988 (1988-08-30)

Cited by

AT512638A4; AT512638B1; WO2009093161A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1850301 A1 20071031

DOCDB simple family (application)

EP 06290693 A 20060428