

Title (en)

OPTICAL SWITCH BASED ON LIGHT SPATIAL MODULATORS

Title (de)

OPTISCHE WEICHE AUF DER BASIS RÄUMLICHER LICHTMODULATOREN

Title (fr)

AIGUILLEUR OPTIQUE A BASE DE MODULATEURS SPATIAUX DE LUMIERE

Publication

EP 1290489 A1 20030312 (FR)

Application

EP 01945455 A 20010615

Priority

- FR 0101875 W 20010615
- FR 0007757 A 20000616

Abstract (en)

[origin: FR2810416A1] The optical beam pointer has a series of optical inputs (110) and a series of optical outputs (210) and two spatial optical index modulation units (300,400). There is an optically convergent assembly (500) overlapping the first cell focussing the light path onto the second cell and perpendicular to it.

IPC 1-7

G02F 1/31; **H04Q 11/00**

IPC 8 full level

G02B 5/32 (2006.01); **G02B 6/26** (2006.01); **G02B 6/35** (2006.01); **G02F 1/31** (2006.01); **G03H 1/08** (2006.01); **H04Q 11/00** (2006.01); **G02B 6/32** (2006.01); **G02F 1/13** (2006.01); **G02F 1/29** (2006.01)

CPC (source: EP US)

G02B 5/32 (2013.01 - EP US); **G02B 6/264** (2013.01 - EP US); **G02F 1/31** (2013.01 - EP US); **G03H 1/08** (2013.01 - EP US); **H04Q 11/0005** (2013.01 - EP US); **G02B 6/32** (2013.01 - EP US); **G02F 1/13** (2013.01 - EP US); **G02F 1/292** (2013.01 - EP US); **G02F 2203/02** (2013.01 - EP US); **G02F 2203/12** (2013.01 - EP US); **G02F 2203/22** (2013.01 - EP US); **G03H 1/0005** (2013.01 - EP US); **H04Q 2011/0026** (2013.01 - EP US)

Citation (search report)

See references of WO 0196939A1

Designated contracting state (EPC)

DE FR GB

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FR 0007757 A 20000616; AU 6767501 A 20010615; CN 01812773 A 20010615; EP 01945455 A 20010615; FR 0101875 W 20010615; US 31108503 A 20030422