

Title (en)
TWO-DIMENSIONAL ARRAY OF MODULATABLE LIGHT SOURCES

Title (de)
ZWEIDIMENSIONALE MATRIX MODULIERBARER LICHTQUELLEN

Title (fr)
GROUPEMENT BIDIMENSIONNEL DE SOURCES LUMINEUSES MODULABLES

Publication
EP 0871953 A4 20000209 (EN)

Application
EP 95939837 A 19951023

Priority
US 9514533 W 19951023

Abstract (en)
[origin: WO9715921A1] An apparatus for generating a two-dimensional array of modulated light beams. A laser and a collimator (101) are used to generate a single collimated light beam (111). This collimated light beam is passed through a two-dimensional holographic beam splitter (102). Thereupon, the holographic beam splitter produces a two-dimensional divergent array of diffraction limited collimated light beams. These light beams are then independently modulated by a two-dimensional modulator array (104).

IPC 1-7
G11B 7/00; **G02B 5/32**; **G11B 7/125**

IPC 8 full level
G02B 5/32 (2006.01); **G02B 27/10** (2006.01); **G02F 1/01** (2006.01); **G02F 1/055** (2006.01); **G11B 7/128** (2012.01); **G11B 7/1353** (2012.01); **G11B 7/14** (2006.01); **G11B 7/003** (2006.01)

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G02B 5/32 (2013.01); **G02B 27/108** (2013.01); **G02B 27/1086** (2013.01); **G02F 1/0551** (2013.01); **G11B 7/128** (2013.01); **G11B 7/1353** (2013.01); **G11B 7/14** (2013.01); **G11B 7/003** (2013.01)

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Designated contracting state (EPC)
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