

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 A1 19981021 (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**

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)

CPC (source: EP)  
**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)

Designated contracting state (EPC)  
DE FR GB

DOCDB simple family (publication)  
**WO 9715921 A1 19970501**; AU 4150696 A 19970515; EP 0871953 A1 19981021; EP 0871953 A4 20000209; JP H11513817 A 19991124

DOCDB simple family (application)  
**US 9514533 W 19951023**; AU 4150696 A 19951023; EP 95939837 A 19951023; JP 51656997 A 19951023