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Patent Number(s): CN102540304-A

Title: Two-dimensional period-talbot medium phase grating structure for power distribution/synthesis of terahertz wave system, has grating holes periodically arranged in location behind observation surface observing diffraction light spot array

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Derwent Primary Accession No.: 2012-J98084

Abstract: NOVELTY - The structure has a substrate medium (I), and small grating holes (2) periodically arranged in a location behind an observation surface observing diffraction light spot array along length of the observation surface. An upper part of the grating holes is in shape of circle, oval, and polygon. The holes are arranged along a two-dimensional array, where line or row of the array includes same distance between adjacent holes.

USE - Two-dimensional period-talbot medium phase grating structure for power distribution/synthesis of a terahertz wave system.

ADVANTAGE - The structure can be manufactured in a simple and easy manner.

DESCRIPTION OF DRAWING(S) - The drawing shows a perspective view of a two-dimensional period-talbot medium phase grating structure.

Substrate medium (I)

Grating holes (2)

Derwent Class Code(s): P81 (Optics); V07 (Fibre-optics and Light Control)

Derwent Manual Code(s): V07-F02B

IPC: G02B-005/18