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Patent Number(s): CN102544985-A
Title: Optical fiber type terahertz wave generating device has optical amplifier that is connected with single-mode optical fiber with respect to tunable filter
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Abstract: NOVELTY - The device has single-mode laser, phase modulator, microwave source, intensity modulator, optical amplifier, tunable filter, photoelectric detector and antenna. The optical amplifier is connected with the single-mode optical fiber with respect to tunable filter. The intensity modulator is connected with the microwave source.
USE - Optical fiber type terahertz wave generating device.
ADVANTAGE - The structure of the terahertz wave generating device can be simplified with compact design and reduced cost.
DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for terahertz wave generating method.
DESCRIPTION OF DRAWING(S) - The drawing shows a schematic view of optical fiber type terahertz wave generating device.
Derwent Class Code(s): U23 (Oscillation and Modulation); V07 (Fibre-optics and Light Control); V08 (Lasers and Masers)
Derwent Manual Code(s): U23-H; U23-Q; V07-F01A1; V07-K01A; V07-K01C2; V08-B01
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