

Title (en)

METHOD OF AND APPARATUS FOR FORMING FOCUSING DIFFRACTION GRATINGS FOR INTEGRATED OPTICS

Publication

EP 0000810 B1 19811007 (EN)

Application

EP 78300156 A 19780717

Priority

US 81572177 A 19770714

Abstract (en)

[origin: EP0000810A1] An apparatus and method is disclosed for making unchirped holographic diffraction gratings that are formed from curved lines in a thin film. First and second beams of coherent optical radiation are respectively focused to first and second focal lines (g,f) which lie in plane (x,y) that is substantially perpendicular to a planar photo-sensitive material (5) upon which the two beams interact to form an interference pattern.

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G02B 5/32

IPC 8 full level

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CPC (source: EP US)

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EP 0000810 A1 19790221; **EP 0000810 B1 19811007**; CA 1102593 A 19810609; DE 2861133 D1 19811217; JP S5434846 A 19790314; JP S6048003 B2 19851024; US 4140362 A 19790220

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EP 78300156 A 19780717; CA 307364 A 19780713; DE 2861133 T 19780717; JP 8524778 A 19780714; US 81572177 A 19770714