

Title (en)

LASER SYSTEM EMPLOYING HARMONIC GENERATION

Title (de)

LASERSYSTEM MIT OBERWELLENERZEUGUNG

Title (fr)

SYSTÈME LASER FAISANT APPEL À UNE GÉNÉRATION D'HARMONIQUES

Publication

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Application

**EP 07862112 A 20071116**

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Abstract (en)

[origin: WO2008063602A2] A laser system provides harmonic generation in a laser beam pulse. In another aspect of the present invention, a laser operably emits a laser pulse, a gaseous optical medium operably creates third or greater harmonic generation in the pulse, and a controller characterizes and compensates for distortions in the pulse. A further aspect of the present invention employs multiple optical media arranged to cause cascading harmonic generations in a laser pulse.

IPC 8 full level

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CPC (source: EP)

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