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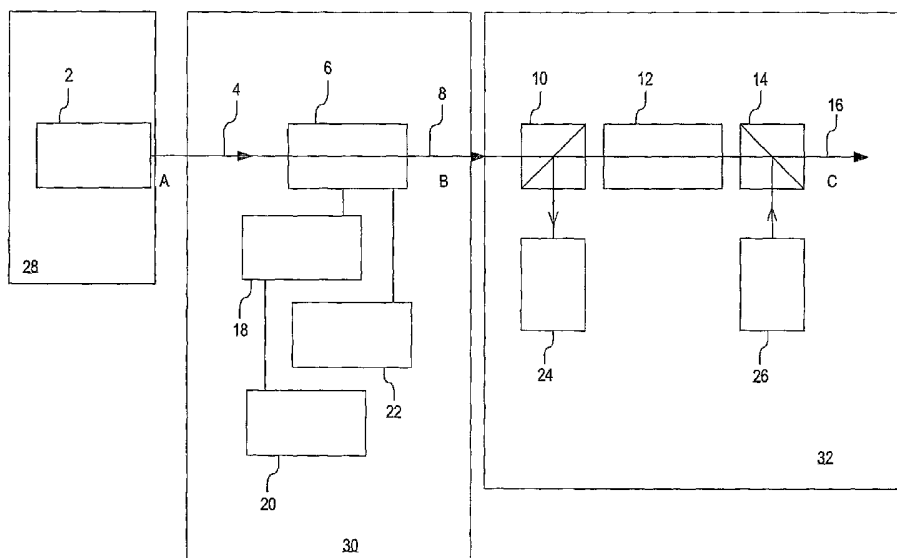
- as to the applicant's entitlement to claim the priority of the
earlier application (Rule 4.17(iii)) for all designations
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[Continued on next page]

(54) Title: LASER PULSE GENERATOR



(57) Abstract: A laser pulse generator utilizes an optical modulator to generate wave pulses having customized temporally shaped pulses. A continuous wavelength laser source inserts optical energy into an optical pulse generator, which in turn emits light into an amplification stage. The amplification stage emits light pulses corresponding to user-defined amplitudes and pulse shapes. The optical pulse generator comprises an optical modulator which modulates incoming light in accordance with temporal waveforms defined by an electronic waveform generator.



— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

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US CL : 359/245, 264; 385/8, 31, 49; 398/89

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
U.S. : 359/245, 264; 385/8, 31, 49; 398/89

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
NONE

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
EAST

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6,480,318 B2 (MORI et al) November 2002 (12.11.2002) columns 5-8.	1, 2, 3, 5-9, 12, 15
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A		4, 10, 11, 13, 14
X, P	US 2003/0147116 A1 (SHPANTZER et al) 07 August 2003 (07.08.2003) see section 17.	5, 9

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☐ See patent family annex.

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