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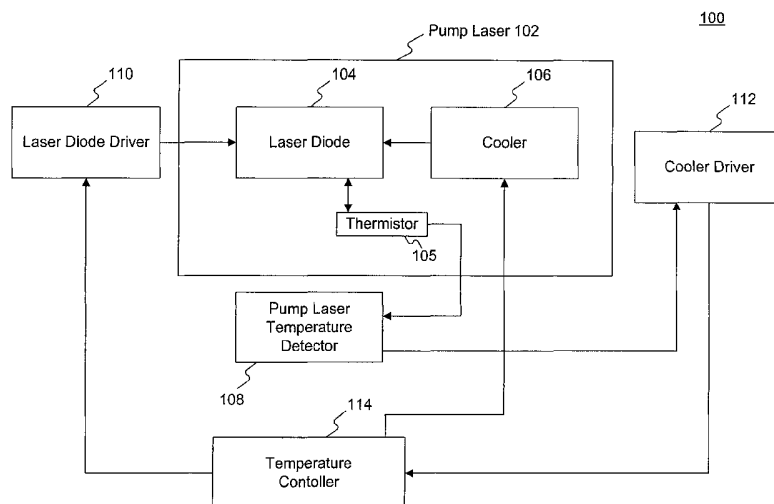
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(54) Title: SYSTEM AND METHOD FOR THE ELECTRONIC CONTROL OF A LASER DIODE AND THERMOELECTRIC COOLER



(57) Abstract: A system and method for electronically controlling the temperature of a pump laser or laser diode controls temperature uses methods of sourcing drive current. Further, the system shuts off the laser diode and/or a thermoelectric cooler when the temperature of the pump laser exceeds a predetermined amount.

INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 02/24736

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H01S5/024

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)

IPC 7 H01S

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

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

EPO-Internal, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 978 395 A (NOMURA KENICHI) 2 November 1999 (1999-11-02) abstract column 3, line 48 -column 4, line 55 ---	1,11,20, 31
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☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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