Abstract: In one aspect, a system assists an operator in controlling a machine, such as a bolter including a drill head for drilling a borehole in a mine passage having a face and installing a bolt therein, as well as possibly a miner for advancing the mine passage. A controller controls the operation of the machine, and a transmitter transmits to the controller control signals from the operator at a remote location from the borehole. A sensor causes the controller to take action, such as by providing a warning signal or disabling one or more aspects of the machine, if the operator is within a predetermined proximity of the drilling, bolting, or mining operation. Systems and methods pertain to other related aspects of the invention.
INTERNATIONAL SEARCH REPORT

International application No
PCT/US07/78627

A CLASSIFICATION OF SUBJECT MATTER

IPC(8) - E21C 37/00 (2008.01 )
USPC - 299/11

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(8) - E21C 37/00 (2008.01 )
USPC - 299/11

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

Electronic database consulted during the international search (name of database and, where practicable, search terms used)
PatBase

C DOCUMENTS CONSIDERED TO BE RELEVANT

<table>
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<th>Category</th>
<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
<th>Relevant to claim No</th>
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<td>11-13, 26-27, 30-37, 40-43</td>
</tr>
</tbody>
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Further documents are listed in the continuation of Box C

Date of the actual completion of the international search
20 March 2008

Date of mailing of the international search report
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