

Title (en)

METHOD AND DEVICE FOR REMOTE CONTROLLED WORKING OF CONCRETE WALLS

Publication

EP 0419971 A3 19920513 (DE)

Application

EP 90117753 A 19900914

Priority

DE 3932393 A 19890928

Abstract (en)

[origin: EP0419971A2] A method for the remote-controlled removal of material from concrete walls in spaces inaccessible to persons without protective measures is described. The working of the inner concrete walls of a space of this type is to be carried out by remote manipulation from outside. To this end, a concrete-drilling tool (38) is hung on a remote-control cable crane (20) and remotely manipulated up to the concrete wall (6). To obtain a slightly inclined position of the crane cable, the cable crane (20) is then moved slightly further in the direction of the concrete wall. The concrete-drilling part of the concrete-drilling tool (38) is then displaced by remote control in a rotary manner against the concrete wall (6) to obtain a drilled hole. These operations can be transmitted to the outside by television cameras into the operation room, where the trained workers carrying out the remote manipulation sit. The invention also relates to a device for carrying out this method. <IMAGE>

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IPC 8 full level

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CPC (source: EP)

B25H 1/0021 (2013.01); **B25H 1/0057** (2013.01); **B28D 1/14** (2013.01); **G21F 7/066** (2013.01)

Citation (search report)

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