

Title (en)

CUTTING CONTROL PROCESS AND DEVICE FOR DETECTING THE DEPTH OF CUT OF KIRVING TOOLS

Title (de)

VERFAHREN ZUM STEUERN DES SCHNEIDPROZESSES UND EINRICHTUNG ZUR ERFASSUNG DER EINBRUCHSTIEFE VON SCHRÄMWERKZEUGEN

Title (fr)

PROCEDE POUR COMMANDER LE PROCESSUS DE COUPE ET DISPOSITIF POUR DETECTER LA PROFONDEUR DE PENETRATION D'OUTILS DE HAVAGE

Publication

**EP 0912816 A1 19990506 (DE)**

Application

**EP 97929020 A 19970709**

Priority

- AT 9700159 W 19970709
- AT 129696 A 19960718

Abstract (en)

[origin: WO9803770A1] In a cutting control process for kirving tools (6) on advance working machines (2), the depth of cut of the kirving tool (6) is detected and the measurement data for the depth of cut are linked to a control unit in which the geometry of the winning tool is stored and measurement data for load-bearing capacity are taken into account. To carry out the process a device is provided for detecting the depth of cut of kirving tools (6) of advance working machines (2) into the rock face, said device comprising in the forward region of the advance working machine (2) at least one proximity sensor (7) directed to the rock face and connected to an evaluation unit.

IPC 1-7

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IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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