

Title (en)

DRILLING AND WINNING INSTALLATION FOR MINING.

Title (de)

BOHR-GEWINNUNGSANLAGE FÜR DEN BERGBAU.

Title (fr)

INSTALLATION DE FORAGE ET D'EXTRACTION DESTINEE A L'EXPLOITATION MINIERE.

Publication

EP 0333712 B1 19940622 (DE)

Application

EP 87905960 A 19870908

Priority

HU 8700037 W 19870908

Abstract (en)

[origin: WO8902513A1] A drilling and winning installation for mining has a support frame and several working tools adjustably mounted thereon in the desired position and linked to bearing, carrying and/or driving means. The working tools form together with the bearing, carrying and/or driving means a module which is able to carry out and/or drive the associated group of working tools all together and/or to carry and/or drive separately the individual tools forming a group of working tools, by means of the carrying and/or driving mechanism. Each given group of working tools provided for implementing a given technological process is designed as a unit able of carrying out the corresponding working steps.

IPC 1-7

E21C 9/00; **E21C 11/00**; **E21C 11/02**

IPC 8 full level

E21B 7/02 (2006.01); **E21D 9/00** (2006.01); **E21D 9/10** (2006.01)

CPC (source: EP)

E21B 15/006 (2013.01); **E21D 9/006** (2013.01); **E21D 9/1093** (2013.01)

Citation (examination)

DE 3729056 A1 19890309 - METZELER GMBH [DE]

Cited by

AT526723A1

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

WO 8902513 A1 19890323; DE 3750141 D1 19940728; EP 0333712 A1 19890927; EP 0333712 B1 19940622

DOCDB simple family (application)

HU 8700037 W 19870908; DE 3750141 T 19870908; EP 87905960 A 19870908