

Title (en)
CUTTING ELEMENT FOR A COAL CUTTING MACHINE

Title (de)
SCHNEIDKÖRPER FÜR EINE SCHRÄMMASCHINE

Title (fr)
ELEMENT TRANCHANT POUR UNE HAVEUSE

Publication
EP 0656989 B1 19980128 (DE)

Application
EP 94924222 A 19940701

Priority
• DE 4322402 A 19930706
• EP 9402165 W 19940701

Abstract (en)
[origin: WO9502113A1] A cylindrical cutting element for a coal cutting machine has a screw-shaped or helical reamer-loader which projects from the surface of the cutting element (10) and is composed of base parts arranged at a uniform distance from each other. A chisel-holder (30) with an exchangeable chisel (40) is linked to each base part (20). The chisel-holder (30) is inserted with a plug-in lengthening piece (31) into a socket (21) of the base part and is held therein by a pressure screw (50). In order to shorten the mounting time of a cutting element (10), so that the base parts (20) may be easily positioned and secured on the surface of the cutting element (10), regularly spaced pockets (27) are provided at the surface of the cutting element along the screw-shaped or helical reamer-loader to be built. The base parts (20) run out at their lower sides in a foot (26) whose cross-section is adapted to the pockets (27). The base parts (20) are positioned and inserted with their foot (26) into a pocket (27) and secured thereto.

IPC 1-7
E21C 35/19; E21C 35/193

IPC 8 full level
E21C 35/19 (2006.01); **E21C 35/193** (2006.01)

CPC (source: EP US)
E21C 35/19 (2013.01 - EP US); **E21C 35/191** (2020.05 - EP); **E21C 35/193** (2013.01 - EP US); **E21C 35/191** (2020.05 - US)

Designated contracting state (EPC)
DE GB IT

DOCDB simple family (publication)
DE 4322402 A1 19950112; DE 4322402 C2 19960620; DE 59405173 D1 19980305; EP 0656989 A1 19950614; EP 0656989 B1 19980128; US 5573308 A 19961112; WO 9502113 A1 19950119

DOCDB simple family (application)
DE 4322402 A 19930706; DE 59405173 T 19940701; EP 9402165 W 19940701; EP 94924222 A 19940701; US 39709595 A 19950526