

Title (en)
SHIELD CONTROL DEVICE FOR CARRYING OUT THE LONGWALL FUNCTION OF A LONGWALL UNIT IN THE LONGWALL FACE WORKING IN A MINE

Title (de)
SCHIIDSTEUEREINRICHTUNG ZUR DURCHFÜHRUNG DER AUSBAUFUNKTION EINER AUSBAUEINHEIT BEIM STREBAUSBAU IN EINEM BERGWERK

Title (fr)
ENSEMBLE DE COMMANDE D'UN BOUCLIER PERMETTANT DE RÉALISER UNE FONCTION D'EXPLOITATION PAR LONGUE TAILLE D'UNE UNITÉ D'EXPLOITATION PAR LONGUE TAILLE LORS DE SOUTÈNEMENTS PAR LONGUE TAILLE DANS UNE MINE

Publication
EP 2156017 B1 20110518 (DE)

Application
EP 08758050 A 20080509

Priority
• DE 2008000793 W 20080509
• DE 102007022601 A 20070512

Abstract (en)
[origin: WO2008138316A2] The shield control device of a longwall shield for carrying out the longwall functions of the longwall shield in the longwall face working in a mine is associated with a distributing device upstream of a group of functional elements. Each of the functional elements of the longwall shield is associated with an exclusive address code word, on the call of which the internal connection between the shield control device and the functional elements depends. The distributing device is arranged in close proximity to the functional elements. The functional elements are valves or sensors.

IPC 8 full level
E21C 35/24 (2006.01); **E21D 23/12** (2006.01)

CPC (source: EP US)
E21D 23/12 (2013.01 - EP US)

Cited by
CN101818649A

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2008138316 A2 20081120; WO 2008138316 A3 20090219; AT E510106 T1 20110615; AU 2008250798 A1 20081120; AU 2008250798 B2 20131031; CN 101730786 A 20100609; CN 101730786 B 20130619; DE 112008001189 A5 20100128; EP 2156017 A2 20100224; EP 2156017 B1 20110518; PL 2156017 T3 20111031; RU 2009145918 A 20110620; RU 2463451 C2 20121010; US 2010276981 A1 20101104; US 8567869 B2 20131029

DOCDB simple family (application)
DE 2008000793 W 20080509; AT 08758050 T 20080509; AU 2008250798 A 20080509; CN 200880023786 A 20080509; DE 112008001189 T 20080509; EP 08758050 A 20080509; PL 08758050 T 20080509; RU 2009145918 A 20080509; US 66459708 A 20080509