

Title (en)

A METHOD FOR PREDICTING CRUMPS AND METHANE HAZARD

Title (de)

VERFAHREN ZUR VORHERSAGE VON METHAN- UND EINSTURZGEFAHR

Title (fr)

PROCÉDÉ DE PRÉDICTION D'EFFONDREMENT ET DE DANGER DE MÉTHANE

Publication

**EP 3187683 A1 20170705 (EN)**

Application

**EP 15203124 A 20151230**

Priority

EP 15203124 A 20151230

Abstract (en)

The invention pertains to a method A method for predictingcrumps and methane hazard. A method for predictingcrumps and methane hazard characterized in that, when using a continuous monitoring system in sections of powered roof supports installed on exploited walls, pressure values are recorded in the elements of the powered roof support and, in real time, based on known changes in the value of pressure, the occurrence and location of crumps of the rock mass and methane hazard are anticipated.

IPC 8 full level

**E21F 17/18** (2006.01); **E21D 15/46** (2006.01)

CPC (source: EP)

**E21D 15/46** (2013.01); **E21F 17/185** (2013.01)

Citation (applicant)

- PL 178986 B1 20000731 - CT ELEKTRYFIKACJI I AUTOMATYZA [PL]
- PL 165582 B1 19950131 - GLOWNY INSTYTUT GORNICTWA [PL]

Citation (search report)

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- [A] GB 844137 A 19600810 - NICOLAS JOSEPH RUTIGLIANO
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- [A] US 5268683 A 19931207 - STOLARCZYK LARRY G [US]

Cited by

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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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