

Method of controlling the stability of roof layers in underground mines

Description of the solution:

A method of controlling the stability of roof layers in underground mines, which is closely related to changes in the slope of the open roof surface, consisting in mounting biaxial or triaxial slope sensors to the roof at selected roof locations using various techniques.

Benefits of the solution:

- Minimise the risk of cavings occurring during underground deposit exploitation as a result of a slow-moving process, by signalling the process well in advance.

Area of application:

Mining (Roof monitoring/anchor lining).

Technology readiness level:

9

Intellectual property:

Invention: PAT.220230

Owner:

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