

Title (en)

Method of protecting personnel working in a dusty atmosphere.

Title (de)

Verfahren zum Schutz von in staubiger Luft arbeitenden Bergleuten.

Title (fr)

Procédé de protection du personnel travaillant dans une atmosphère poussiéreuse.

Publication

EP 0079261 A1 19830518 (FR)

Application

EP 82401910 A 19821019

Priority

FR 8121040 A 19811110

Abstract (en)

1. A method for the protection of personnel working in the dusty atmosphere of headings of underground roadways characterized in that two protective curtains of non-dusty air are produced between the dusty road head and the rear of the heading where the personnel are, these curtains of air being situated in a plane perpendicular to the longitudinal axis of the roadway, the curtains being obtained by delivering filtered air through two slots (26) in an enclosure (25) of a filtered air delivery device disposed at the rear of a dusty air suction device.

Abstract (fr)

Procédé de protection du personnel travaillant dans l'atmosphère poussiéreuse de chantiers de galeries. Procédé selon lequel on crée deux rideaux d'air non poussiéreux entre le front de taille et l'arrière du chantier. Application au creusement de galeries.

IPC 1-7

E21C 35/22; **E21D 9/10**; **E21F 5/20**

IPC 8 full level

E21C 35/22 (2006.01); **E21D 9/10** (2006.01); **E21F 5/20** (2006.01)

CPC (source: EP)

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- [A] US 4289509 A 19810915 - HOELTER HEINZ
- [A] FR 2351690 A1 19771216 - VOEST AG [AT]

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