

Title (en)

A method of mining the deposits with maintenance of permanent control of deformation of the surface, especially within the range of the influence of mining.

Title (de)

Lagerstättenabbauverfahren mit Erhaltung ständiger Kontrolle der Deformationen der Tagesoberfläche, besonders im Einflussbereich des Abbaus.

Title (fr)

Méthode d'exploitation de gisements avec maintenance d'un contrôle permanent des déformations de surface, en particulier dans la zone d'influence de l'abattage.

Publication

EP 0213223 A1 19870311 (EN)

Application

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Priority

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Abstract (en)

Mining method with the application of waste materials as filling medium which, enables roof-fall mining under a surface requiring protection. Surfaces of mining beds are divided into areas whose sides are approximately equal to the length of fronts of wall headings, and then in points of intersection of diagonals of the said areas vertical or skew holes are drilled for forcing in impurities with water into voids or delaminations formed in the rock mass, at the vertical distance determined by lithology of rocks and distribution of the horizontal component of stresses.

IPC 1-7

E21C 41/00; **E21F 15/00**; **E02D 3/12**

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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