

Title (en)

RAISE CAVING METHOD FOR MINING AN ORE FROM AN ORE BODY, AND A MINING INFRASTRUCTURE, MONITORING SYSTEM, MACHINERY, CONTROL SYSTEM AND DATA MEDIUM THEREFOR

Title (de)

HEBE- UND SENKVERFAHREN ZUM ERHEBEN EINES ERZES AUS EINEM ERZKÖRPER UND BERGBAUINFRASTRUKTUR, ÜBERWACHUNGSSYSTEM, MASCHINE, STEUERSYSTEM UND DATENMEDIUM DAFÜR

Title (fr)

PROCÉDÉ DE FOUDROYAGE D'ÉLEVATION POUR L'EXPLOITATION MINIÈRE D'UN MINÉRAI D'UN GISEMENT, ET INFRASTRUCTURE D'EXPLOITATION MINIÈRE, SYSTÈME DE SURVEILLANCE, MACHINES, SYSTÈME DE COMMANDE ET SUPPORT DE DONNÉES ASSOCIÉS

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Application

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Abstract (en)

[origin: WO2021236000A1] The present invention relates to a Raise Caving mining method for mining ore from an ore body comprising developing at least two slots (3a, 3b) in a rock mass and leaving a pillar (9a) of rock mass to separate adjacent slots (3a, 3b) in order to create a favourable stress environment in the rock mass to provide protection for mining infrastructure, developing at least one production raise (6a) within the rock mass providing the favourable stress environment, mining by progressing upwards at least one production stope (13a) from the at least one production raise (6a), and drawing ore from the production stope (13a). The present invention also relates to a Raise Caving mining infrastructure, a machinery, a monitoring system, an automatic or semi-automatic control system of a Raise Caving mining infrastructure, and a data medium.

IPC 8 full level

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