

Title (en)

AN APPARATUS AND A METHOD FOR SELECTING A POSITION FOR A MINING VEHICLE

Title (de)

VORRICHTUNG UND VERFAHREN ZUR AUSWAHL EINER POSITION FÜR EIN BERGBAUFahrzeug

Title (fr)

APPAREIL ET PROCÉDÉ DE SÉLECTION D'UNE POSITION POUR UN VÉHICULE MINIER

Publication

EP 4343108 A1 20240327 (EN)

Application

EP 22196993 A 20220921

Priority

EP 22196993 A 20220921

Abstract (en)

Example embodiments provide an apparatus for selecting a position for a mining vehicle in a mine for drilling. The apparatus comprises at least one processor and at least memory, the at least one memory comprising instructions which, when executed by the at least one processor, cause the apparatus to select a drill plan associated with a tunnel line for a tunnel to be excavated; select a position of a navigation plane for the drill plan with respect to the tunnel line; determine a first position for the mining vehicle based on the drill plan and the position of the navigation plane; obtain information on a plurality of predefined variations of the first position; determine a plurality of second position for the mining vehicle based on the first position and the information on the plurality of variations; and select, from the plurality of second positions, a target position for the mining vehicle based on the first position and at least one criterion.

IPC 8 full level

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Citation (search report)

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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)

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