

Title (en)

METHOD FOR CONTROLLING THE PRODUCT CONVEYANCE IN UNDERGROUND MINING

Title (de)

VERFAHREN ZUR STEUERUNG DER PRODUKTENFÖRDERUNG IM UNTERTÄGIGEN BERGBAU

Title (fr)

PROCÉDÉ DE COMMANDE DU TRANSPORT DES PRODUITS EN EXPLOITATION MINIÈRE SOUTERRAINE

Publication

**EP 2102452 B1 20110126 (DE)**

Application

**EP 08701043 A 20080109**

Priority

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- DE 102007003020 A 20070120

Abstract (en)

[origin: US2010096904A1] A method of controlling conveyance of the debris, extracted by working machines in underground mining operations, via conveyors and bunker units. The lowest available conveying capacity of the conveyors and buffer capacity of the bunker units are determined based on continuously detected actual data and are compared in a computer-aided control unit to at least one of current actual extraction output, anticipated target extraction output, and scheduled output extrapolated from past actual data. Upon detection of deviations, the control unit automatically effects a balancing of capacities between the conveyors and bunker units connected at an output side of each individual different working machine, taking into consideration their maximum conveying capacity and buffer capacity respectively, and/or controls the extraction output of the working machines taking into consideration respectively available conveying capacity of downstream conveyors and buffer capacity of the bunker units.

IPC 8 full level

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CPC (source: EP US)

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