

Title (en)
MINING EXCAVATING PROCESS USING THE BORD AND PILLAR METHOD

Publication
EP 0034520 B1 19850109 (FR)

Application
EP 81400163 A 19810203

Priority
ZA 80816 A 19800213

Abstract (en)
[origin: ES8305877A1] There is constructed around pillars of a mine chamber on the ground a rectangular enclosure which is defined by superimposed layers of U-section elements. The concavity of the latter faces inwardly of the enclosure. A pulverulent material is poured by a hydraulic filling method into the enclosure. This pulverent material preferably comprises light fine ash having hydraulic properties. Owing to the reinforcements embedded in the mass, the structure initially behaves as stabilized earth, but, in the end, the material sets and becomes coherent so that finally the structure has a lean concrete character.

IPC 1-7
E21F 15/00

IPC 8 full level
E02D 3/12 (2006.01); **E02D 29/02** (2006.01); **E21F 15/00** (2006.01); **E21F 15/08** (2006.01)

CPC (source: EP US)
E02D 29/0275 (2013.01 - EP US); **E21F 15/08** (2013.01 - EP US)

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EP 81400163 A 19810203; AR 28429581 A 19810213; AT 81400163 T 19810203; AU 6716881 A 19810211; BR 8100860 A 19810212; CA 370423 A 19810209; DE 3168088 T 19810203; ES 500072 A 19810213; IL 6206481 A 19810204; JP 2002581 A 19810213; MX 18597481 A 19810213; US 23345881 A 19810211; ZA 80816 A 19800213