

Title (en)
Stope support for underground gallery.

Title (de)
Ausbaugestell für eine untertägige Strecke

Title (fr)
Chevalet de soutènement pour une gallerie souterraine.

Publication
EP 1719876 A1 20061108 (DE)

Application
EP 05012960 A 20050616

Priority
DE 202005007257 U 20050503

Abstract (en)
The support has a runner (14), and a cap integrated with hydraulic plungers (15). The cap (16) is divided longitudinally and each partial cap (20) has a plunger stored on the runner allowing free movement. The plunger is linked to the caps allowing vertical movement (KE) between the partial caps in a side direction. Each partial cap is connected behind the plungers with a steering setup (17) for the runners.

IPC 8 full level
E21D 23/00 (2006.01); **E21D 23/03** (2006.01); **E21D 23/04** (2006.01); **E21D 23/08** (2006.01)

CPC (source: EP)
E21D 23/0052 (2013.01); **E21D 23/0091** (2013.01); **E21D 23/03** (2013.01); **E21D 23/04** (2013.01); **E21D 23/083** (2013.01); **E21D 23/086** (2013.01)

Citation (search report)

- [XY] DE 3801008 C1 19890824
- [YD] DE 20012245 U1 20000921 - BEUKENBERG MASCHF [DE]
- [A] DE 1240020 B 19670511 - GREBE KONRAD
- [A] DE 3709437 A1 19881103 - PAWELSKI LUDWIG [DE]

Cited by
CN104314595A; US11248464B2; CN113356912A; CN107227966A; CN103758554A

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR LV MK YU

DOCDB simple family (publication)
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DOCDB simple family (application)
EP 05012960 A 20050616; AT 05012960 T 20050616; DE 202005007257 U 20050503; DE 502005001735 T 20050616; PL 05012960 T 20050616; RU 2005122395 A 20050714; UA A200604731 A 20060427