

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; CN107227966A; CN113356912A; US11248464B2; 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)  
**EP 1719876 A1 20061108; EP 1719876 B1 20071017**; AT E376119 T1 20071115; DE 202005007257 U1 20050707; DE 502005001735 D1 20071129; PL 1719876 T3 20080331; RU 2005122395 A 20070120; RU 2299330 C2 20070520; UA 82724 C2 20080512

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