

Title (en)  
MACHINE FOR DRIVING UNDERGROUND GALLERIES

Publication  
**EP 0021987 B1 19830713 (FR)**

Application  
**EP 80400890 A 19800618**

Priority  
FR 7915908 A 19790621

Abstract (en)  
[origin: US4362337A] The system for digging subterranean galleries comprises a cutting tool articulated on a frame and mounted so as to be movable along the height of the mine face. This frame is provided with ground support means and with propulsion means for following the progress of the cutting, the articulation point of the cutting tool being situated in the upper half of the system in operating position. The articulation point of the cutting tool may be situated on a member movable with respect to the frame and movable in a direction substantially parallel to the direction of advance. The shaft bearing the cutting tool may be mounted on two bearings, one of which is movable vertically to give the tool an oblique path in a pre-determined direction.

IPC 1-7  
**E21D 9/10**; **E21C 27/22**; **E21C 29/24**

IPC 8 full level  
**E21C 27/22** (2006.01); **E21C 29/24** (2006.01); **E21D 9/10** (2006.01)

CPC (source: EP US)  
**E21C 27/22** (2013.01 - EP US); **E21C 29/24** (2013.01 - EP US); **E21D 9/102** (2013.01 - EP US); **E21D 9/1026** (2013.01 - EP US); **E21D 9/1093** (2013.01 - EP US)

Cited by  
DE4037620A1; CN115163075A; DE3923376C1; EP1013875A3; EP0192357A1; AU581725B2; US4688855A; AT386051B; WO9748883A1

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