

Title (en)

MACHINE FOR DRIVING UNDERGROUND GALLERIES

Publication

EP 0095795 B1 19850807 (FR)

Application

EP 83200603 A 19830428

Priority

FR 8209835 A 19820602

Abstract (en)

[origin: US4508390A] The invention concerns an improved machine for making underground galleries. This machine comprises a shield consisting of two mutually movable parts, a forward knife casing 1 supporting on its inside a digging device 3 and a rear assembly skirt 2 acting as a guide means for a thrust ring 10. The knife casing and the assembly skirt are mutually connected by a slack fastening system allowing them to pivot with respect to each other in such a manner that their longitudinal axes form an adjustable angle. The machine of the invention applies to making underground galleries provided with coverings bracing the earth; it makes possible marked curves without the requirement of out-of-path earthworks.

IPC 1-7

E21D 9/08; **E21D 9/06**

IPC 8 full level

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CPC (source: EP US)

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Cited by

DE3732261A1; US4915453A; US5221160A; FR2589516A1; EP0451116A1

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