

Title (en)

Magazine for drill strings and/or casings in a rock drilling machine

Title (de)

Magazin für Bohrstangen und/oder Verrohrungen an Gesteinsbohrmaschinen

Title (fr)

Magasin pour tiges de forage et/ou tubages dans des machines de forage de roches

Publication

EP 0919692 A3 19990804 (DE)

Application

EP 98122439 A 19981127

Priority

- DE 19752490 A 19971127
- DE 19813560 A 19980327
- DE 19823277 A 19980525
- DE 19823247 A 19980525
- DE 19830447 A 19980708

Abstract (en)

[origin: EP0919692A2] The magazine (8) for drilling rods or pipes, at the rock drilling machine (1), is at a drill carriage (3). A change system (21) has a grip (26) to take the drill rod/pipe from its position in the magazine (8). The change system (21) moves in and out of the magazine (8) on a longitudinal trolley (23) and guide rails (24). A further magazine (9) is on the other side of the drill carriage (3) to hold the piping.

IPC 1-7

E21B 19/14

IPC 8 full level

E21B 19/14 (2006.01); **E21B 19/20** (2006.01)

CPC (source: EP)

E21B 19/14 (2013.01); **E21B 19/20** (2013.01)

Citation (search report)

- [XY] DE 29706264 U1 19970605 - HUETTE & CO BOHRTECHNIK GMBH [DE]
- [Y] DE 3608511 A1 19870917 - SCHMIDT & CO GMBH KRANZ [DE]
- [Y] GB 2150962 A 19850710 - SUBMARINE ENG AS
- [X] US 3741322 A 19730626 - WOLTERS J
- [X] US 3734208 A 19730522 - OTTO G
- [A] US 5263545 A 19931123 - TUDORA GEORG [DE], et al

Cited by

KR100771749B1; US11255140B2; CN110242231A; CN113898300A; IT202200006632A1; US11156040B2; EP3699393A1; CN111720066A; AU2020201159B2; WO0216728A1

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