

Title (en)
Magazine for drilling rods

Title (de)
Bohrgestängemagazin

Title (fr)
Magasin pour tiges de forage

Publication
EP 0796978 A3 19980902 (DE)

Application
EP 97103170 A 19970227

Priority
DE 19610883 A 19960320

Abstract (en)
[origin: EP0796978A2] The rack can travel along one or more rails (3). The rack can consist of a merry-go-round (1) travelling at right angles to the drilling axis and with radial compartments for the bars, enclosed by a casing with transfer slot. Sliding holders for the bars, typically opposite spring components, can be provided on the merry-go-round. The merry-go-round can be indexed for the distance between compartments by a rotary drive mechanism and held by a locking mechanism.

IPC 1-7
E21B 19/14; E21B 19/15; E21B 19/20

IPC 8 full level
E21B 19/14 (2006.01); **E21B 19/15** (2006.01); **E21B 19/20** (2006.01)

CPC (source: EP US)
E21B 19/146 (2013.01 - EP US); **E21B 19/15** (2013.01 - EP US); **E21B 19/20** (2013.01 - EP US)

Citation (search report)
• [XY] US 4547110 A 19851015 - DAVIDSON ALVIN L [CA]
• [YA] FR 2544789 A1 19841026 - BONNE ESPERANCE [FR]
• [XY] US 5263545 A 19931123 - TUDORA GEORG [DE], et al
• [YA] WO 9119880 A1 19911226 - TAMROCK OY [FI]
• [Y] US 4834195 A 19890530 - ROBINSON ALLEN C [CA]
• [A] US 3840079 A 19741008 - WILLIAMSON T, et al

Cited by
CN101988373A; US8425171B2

Designated contracting state (EPC)
AT BE CH FR GB IT LI NL

DOCDB simple family (publication)
EP 0796978 A2 19970924; EP 0796978 A3 19980902; CA 2200544 A1 19970920; DE 19610883 A1 19970925; JP H1025984 A 19980127;
US 5954209 A 19990921

DOCDB simple family (application)
EP 97103170 A 19970227; CA 2200544 A 19970320; DE 19610883 A 19960320; JP 8744797 A 19970321; US 81582997 A 19970312