

Title (en)
DRILLING MACHINE

Title (de)
BOHRMASCHINE

Title (fr)
PERCEUSE

Publication
EP 3951129 A1 20220209 (EN)

Application
EP 21195323 A 20190122

Priority
• IT 201800001640 A 20180122
• EP 19152998 A 20190122

Abstract (en)
A drilling machine comprises a frame (11) mounted on a slider (12), a drilling unit (14) comprising a mast, or guide beam (16), along which a rotation head (20) is mounted sliding and able to make the work tools rotate, and a first positioning unit (21) provided with an articulation device (23) suitable to allow the rotation of the mast (16) on a vertical plane around a first horizontal axis of rotation (X1). The drilling machine comprises a second positioning unit (22), connected between the first positioning unit (21) and the mast (16).

IPC 8 full level
E21B 15/00 (2006.01); **E21B 7/02** (2006.01)

CPC (source: EP)
E21B 7/023 (2013.01); **E21B 7/026** (2013.01)

Citation (applicant)
• DE 2836659 A1 19800306 - EBELING WOLFGANG DIPL ING
• WO 03031764 A1 20030417 - MACDONALD CLAUDE [CA]

Citation (search report)
• [XA] GB 856034 A 19601214 - ATLAS COPCO AB
• [A] DE 2836659 A1 19800306 - EBELING WOLFGANG DIPL ING
• [A] WO 03031764 A1 20030417 - MACDONALD CLAUDE [CA]
• [A] EP 1167683 A1 20020102 - CASAGRANDE SPA [IT]
• [A] US 3374975 A 19680326 - HERBERT BRONDER
• [A] EP 0215998 A2 19870401 - LUEN LAM MING
• [A] DE 2017738 A1 19711028
• [A] WO 9712122 A1 19970403 - MONTABERT ETS [FR], et al
• [A] EP 0188190 A2 19860723 - LUEN LAM MING

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 3536892 A1 20190911; EP 3536892 B1 20211020; EP 3951129 A1 20220209; IT 201800001640 A1 20190722

DOCDB simple family (application)
EP 19152998 A 20190122; EP 21195323 A 20190122; IT 201800001640 A 20180122