

Title (en)
Geological probing device

Title (de)
Geologische Sondenvorrichtung

Title (fr)
Dispositif de sondage géologique

Publication
EP 2282006 A1 20110209 (EN)

Application
EP 09163781 A 20090625

Priority
EP 09163781 A 20090625

Abstract (en)
A geological probing device (10) is disclosed. The probing device comprises a hollow probing rod (1) to be extended into the geological matter to be probed during rotation thereof, and a CPT probe (2) fitted to the probing rod (1) to be pushed into the geological matter by said probing rod. The rod (1) is arranged to rest on the CPT probe (2) during penetration thereof into the geological matter. The probing device further comprises a pressure withstanding bearing (7) arranged between the probing rod (1) and the CPT probe (2), and arranged to prevent rotation of the CPT probe during rotation of the probing rod.

IPC 8 full level
E21B 49/00 (2006.01)

CPC (source: EP)
E21B 49/00 (2013.01)

Citation (applicant)
US 6719068 B2 20040413 - JOENSSON LENNART [SE]

Citation (search report)
• [X] US 2004262041 A1 20041230 - KRUEGER VOLKER [DE], et al
• [X] US 2002108784 A1 20020815 - KRUSPE THOMAS [DE], et al
• [X] US 2002153136 A1 20021024 - KRUSPE THOMAS [DE], et al
• [X] EP 1072903 A1 20010131 - OXFORD INSTR UK LTD [GB]
• [A] US 5377551 A 19950103 - VACQUER BENOIT [FR]

Cited by
CN113267818A; CN112747793A; NL2017647B1; US11231350B2; WO2018074928A1

Designated contracting state (EPC)
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 SE SI SK TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
EP 2282006 A1 20110209

DOCDB simple family (application)
EP 09163781 A 20090625