

Title (en)

DRILL STRING SECTION FOR DRILLING IN THE GROUND, GROUND DRILLING DEVICE AND USE OF A DRILL STRING SECTION

Title (de)

BOHRSTRANGABSCHNITT ZUM BOHREN IM ERDREICH, ERDBOHRVORRICHTUNG UND VERWENDUNG EINES BOHRSTRANGABSCHNITTS

Title (fr)

SECTION DE TRAIN DE TIGES DESTINÉE AU FORAGE DANS LA TERRE, DISPOSITIF DE FORAGE DANS LA TERRE ET UTILISATION D'UNE SECTION DE TRAIN DE TIGES

Publication

EP 3650630 B1 20231025 (DE)

Application

EP 19207138 A 20191105

Priority

DE 102018008811 A 20181109

Abstract (en)

[origin: US2020149355A1] A drill string section of a drill string for drilling in the ground having arranged on the outside of the drill string section at least one marking by means of which abrasion can be recognized.

IPC 8 full level

E21B 12/02 (2006.01); **E21B 4/14** (2006.01)

CPC (source: EP US)

E21B 1/00 (2013.01 - US); **E21B 4/14** (2013.01 - EP); **E21B 12/02** (2013.01 - EP US); **E21B 17/006** (2013.01 - US); **E21B 47/00** (2013.01 - US)

Citation (examination)

US 6167833 B1 20010102 - CARAWAY DOUGLAS BRUCE [US], et al

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 3650630 A1 20200513; **EP 3650630 B1 20231025**; **EP 3650630 C0 20231025**; AU 2019261746 A1 20200528; AU 2019261746 B2 20211111; DE 102018008811 A1 20200514; PL 3650630 T3 20240212; US 11203905 B2 20211221; US 2020149355 A1 20200514

DOCDB simple family (application)

EP 19207138 A 20191105; AU 2019261746 A 20191107; DE 102018008811 A 20181109; PL 19207138 T 20191105; US 201916662289 A 20191024