

Title (en)
DRILLING TOOL

Title (de)
BOHRWERKZEUG

Title (fr)
OUTIL DE FORAGE

Publication
EP 3511514 A1 20190717 (EN)

Application
EP 17848900 A 20170911

Priority
• JP 2016177490 A 20160912
• JP 2017032645 W 20170911

Abstract (en)
In this excavation tool, a bit head (3) which is rotatable about a bit center line (L) away from an axis (O) to an outer circumferential side is attached to a fore end part of a shank device (1) which is rotated about the axis (O) and to which a striking force is applied to a fore end side in the axis (O) direction, and the bit head (3) can be taper-fitted to the shank device (1) by an inclined surface inclined with respect to the bit center line (L).

IPC 8 full level
E21B 10/32 (2006.01); **E21B 6/00** (2006.01)

CPC (source: EP US)
E21B 10/083 (2013.01 - EP); **E21B 10/086** (2013.01 - EP); **E21B 10/32** (2013.01 - EP US); **E21B 10/64** (2013.01 - EP); **E21B 6/00** (2013.01 - EP)

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3511514 A1 20190717; **EP 3511514 A4 20200415**; JP 2018044285 A 20180322; WO 2018047962 A1 20180315

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EP 17848900 A 20170911; JP 2016177490 A 20160912; JP 2017032645 W 20170911