

Title (en)
Machine with scaffold

Title (de)
Baugerät für den Tiefbau

Title (fr)
Engine avec une jumelle

Publication
EP 2275604 B1 20120418 (DE)

Application
EP 09007945 A 20090617

Priority
EP 09007945 A 20090617

Abstract (en)
[origin: EP2275604A1] The apparatus has a mast (4) guiding a ground working apparatus (9) during foundation construction. An adjustable support mechanism (6) supports the mast such that the mast is arranged in an adjustable manner on a chassis (2). The support mechanism comprises two parallel support arms (61) pivotably hinged about horizontal and horizontally running pivot axes (71, 72) on the chassis. A rotary encoder (1) i.e. absolute encoder, detects a pivot angle of the support arms relative to the chassis as a degree of an adjustment position of the mast. An independent claim is also included for a method for operating a construction apparatus.

IPC 8 full level
E02D 7/16 (2006.01)

CPC (source: EP US)
E02D 7/16 (2013.01 - EP US); **E02F 3/435** (2013.01 - EP US); **E02F 9/006** (2013.01 - EP US); **E21B 7/005** (2013.01 - EP US); **E21B 7/02** (2013.01 - EP US)

Cited by
EP3722512A1; ITTV20130049A1; IT201800005795A1; EP2918728A1; EP2639357A1; EP2584097A1; CN103061672A; WO2017174862A1; US12110778B2

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

DOCDB simple family (publication)
EP 2275604 A1 20110119; EP 2275604 B1 20120418; AT E554233 T1 20120515; CN 101929157 A 20101229; CN 101929157 B 20121010; ES 2383238 T3 20120619; HK 1147784 A1 20110819; US 2010319222 A1 20101223; US 8483915 B2 20130709

DOCDB simple family (application)
EP 09007945 A 20090617; AT 09007945 T 20090617; CN 201010211677 A 20100617; ES 09007945 T 20090617; HK 11101721 A 20110222; US 79719910 A 20100609