

Title (en)
Soil cultivation device

Title (de)
Bodenbearbeitungsvorrichtung

Title (fr)
Dispositif de traitement de sol

Publication
EP 2378001 B1 20130612 (DE)

Application
EP 10004082 A 20100416

Priority
EP 10004082 A 20100416

Abstract (en)
[origin: EP2378001A1] The device has a mast (1) comprising a lower mast part (13) hinged to a carrier device (3) and a mast extension piece (12) for increasing or reducing mast length between the lower mast part and an upper mast part (11). A carriage (6) is displaceably guided along the mast, and a feed rope (8) displaces the carriage that runs sectionally along the mast. A winder accommodates a slack rope that is formed on the feed rope when the mast extension piece is removed from a mast run and the upper mast part is directly fixed on the lower mast part. An independent claim is also included for a method for operating a ground working device.

IPC 8 full level
E02D 7/16 (2006.01); **E21B 7/02** (2006.01)

CPC (source: EP US)
E02D 7/16 (2013.01 - EP US); **E21B 7/023** (2013.01 - EP US)

Cited by
EP3964649A1; US12006652B2

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 SM TR

DOCDB simple family (publication)
EP 2378001 A1 20111019; EP 2378001 B1 20130612; CN 102220838 A 20111019; CN 102220838 B 20140716; US 2011253400 A1 20111020; US 8567519 B2 20131029

DOCDB simple family (application)
EP 10004082 A 20100416; CN 201110094890 A 20110415; US 201113072272 A 20110325