

Title (en)

Milling device and method for removing soil material

Title (de)

Fräsvorrichtung und Verfahren zum Abtragen von Bodenmaterial

Title (fr)

Dispositif de fraisage et procédé de dépôt de matériau de sol

Publication

EP 2251491 B1 20110803 (DE)

Application

EP 09006624 A 20090515

Priority

EP 09006624 A 20090515

Abstract (en)

[origin: EP2251491A1] The device (10) has a support- and guide frame (20) at which milling units (30, 40) with milling wheels (31, 41) are arranged in parallel for producing milling cutouts. The milling units are movably supported parallel to each other. Rotation axis of the milling wheel runs transverse to a longitudinal axis of the frame. One of the milling units is movably guided along a drilling direction at the frame independently of another milling unit. A hydraulic lifting device (50) is arranged for moving the milling units, and connected with the support- and guide frame and the milling units. An independent claim is also included for a method for removing soil material.

IPC 8 full level

E02D 17/13 (2006.01); **E02F 3/20** (2006.01); **E02F 5/00** (2006.01)

CPC (source: EP)

E02D 17/13 (2013.01); **E02F 3/205** (2013.01); **E02F 5/006** (2013.01)

Cited by

NL2018068B1; BE1027388B1; CN108824523A; NL2005081C2; CN108915015A; EP4198204A1; EP3683361A1; EP3981920A1; WO2022073736A1

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 2251491 A1 20101117; **EP 2251491 B1 20110803**; AT E518992 T1 20110815; CA 2702734 A1 20101115; CA 2702734 C 20141202; DK 2251491 T3 20111017; ES 2371500 T3 20120103; PT 2251491 E 20111110; ZA 201003180 B 20110330

DOCDB simple family (application)

EP 09006624 A 20090515; AT 09006624 T 20090515; CA 2702734 A 20100504; DK 09006624 T 20090515; ES 09006624 T 20090515; PT 09006624 T 20090515; ZA 201003180 A 20100505