

Title (en)

Cutting tool for the making of trenches, allowing a fast change of the cutter head.

Title (de)

Fräswerkzeug zur Herstellung von Schlitzten, das ein schnelles Wechseln des Schneidekopfes zulässt.

Title (fr)

Outil de fraisage pour la réalisation de tranchées, permettant un changement rapide de la tête de coupe

Publication

EP 1486620 B1 20070822 (FR)

Application

EP 04291449 A 20040610

Priority

FR 0307028 A 20030611

Abstract (en)

[origin: EP1486620A1] The tool has metallic cylindrical lugs (22) fixed rigidly on a plate (14), and metallic cleats (44) fixed at end of respective cylinder rods in a chassis (34). Width of the cleats is lower than that of holes (24) in the lugs. A motor assembly (12) comprising cutting units is integrated rigidly on lower part of the plate. The lugs and the cleats allow integration and disintegration of the plate to and from lower end of the chassis.

IPC 8 full level

E02F 3/36 (2006.01); **E02F 5/00** (2006.01); **E02D 17/13** (2006.01); **E02F 3/20** (2006.01); **E02F 5/08** (2006.01)

CPC (source: EP KR US)

E02D 17/13 (2013.01 - KR); **E02F 3/205** (2013.01 - EP US); **E02F 3/3609** (2013.01 - EP US); **E02F 5/00** (2013.01 - KR); **E02F 5/08** (2013.01 - KR)

Cited by

EP1978160A1; CN106638743A; KR20180037034A; US10570580B2; US9163376B2; US9637190B2; WO2017021664A1; WO2014039041A1; EP3683362A3; EP3851586A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1486620 A1 20041215; EP 1486620 B1 20070822; AT E371060 T1 20070915; CA 2470810 A1 20041211; CA 2470810 C 20120821; DE 602004008375 D1 20071004; DE 602004008375 T2 20080515; ES 2293183 T3 20080316; FR 2856088 A1 20041217; FR 2856088 B1 20050909; HK 1072793 A1 20050909; JP 2005002785 A 20050106; JP 4503360 B2 20100714; KR 101093292 B1 20111214; KR 20040106241 A 20041217; PL 1486620 T3 20080131; US 2005000122 A1 20050106; US 7114271 B2 20061003

DOCDB simple family (application)

EP 04291449 A 20040610; AT 04291449 T 20040610; CA 2470810 A 20040611; DE 602004008375 T 20040610; ES 04291449 T 20040610; FR 0307028 A 20030611; HK 05104456 A 20050527; JP 2004172089 A 20040610; KR 20040042650 A 20040610; PL 04291449 T 20040610; US 86516204 A 20040609