

Title (en)
Tilttable tooth.

Title (de)
Klappzahn

Title (fr)
Dent rabattable

Publication
EP 1548192 B1 20080709 (DE)

Application
EP 04028688 A 20041203

Priority
DE 10360910 A 20031223

Abstract (en)
[origin: EP1548192A1] The tooth (10) includes a pivot bearing (12) which pivotally supports a pivot pin on a cutting wheel hub. A cutting tooth support (20) and a steering arm (30) extend from the pivot bearing, to opposite directions. The pivot bearing, the cutting tooth support, and the steering arm are designed as a one-piece support. Independent claims are also included for the following: (A) a cutting wheel; and (B) a trench cutter.

IPC 8 full level
E02F 3/20 (2006.01); **E02F 5/02** (2006.01); **E02F 5/00** (2006.01); **E02F 5/08** (2006.01); **E02F 9/28** (2006.01)

CPC (source: EP KR US)
E02F 3/205 (2013.01 - EP US); **E02F 5/00** (2013.01 - KR); **E02F 5/08** (2013.01 - KR); **E02F 9/2866** (2013.01 - EP US);
Y10T 83/909 (2015.04 - EP US)

Cited by
EP4311882A1; DE102019135781A1; EP4375422A1; EP4311881A1; WO2024022816A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1548192 A1 20050629; EP 1548192 B1 20080709; AT E400707 T1 20080715; CA 2489825 A1 20050623; CA 2489825 C 20080715; CN 100385079 C 20080430; CN 1641116 A 20050720; DE 10360910 B3 20050915; DE 502004007544 D1 20080821; ES 2308092 T3 20081201; HK 1080525 A1 20060428; JP 2005180173 A 20050707; JP 4046725 B2 20080213; KR 100660398 B1 20061226; KR 20050065316 A 20050629; PL 1548192 T3 20081231; RU 2004136900 A 20060527; RU 2292425 C2 20070127; SG 113022 A1 20050728; US 2005132620 A1 20050623; US 7278228 B2 20071009

DOCDB simple family (application)
EP 04028688 A 20041203; AT 04028688 T 20041203; CA 2489825 A 20041208; CN 200410011503 A 20041223; DE 10360910 A 20031223; DE 502004007544 T 20041203; ES 04028688 T 20041203; HK 06100502 A 20060112; JP 2004367191 A 20041220; KR 20040106316 A 20041215; PL 04028688 T 20041203; RU 2004136900 A 20041217; SG 200407755 A 20041222; US 670504 A 20041208