

Title (en)
Cutting tooth for earth working equipment

Title (de)
Fräszahn für ein Bodenbearbeitungsgerät

Title (fr)
Dent de fraisage d'un dispositif pour travailler la terre

Publication
EP 1780375 A1 20070502 (DE)

Application
EP 05023320 A 20051025

Priority
EP 05023320 A 20051025

Abstract (en)
Cutting tooth has foot to sit in a seat on the ground treatment appliance and at least one main cutting part is located on the cutting foot on the head side to treat the ground material. To enlarge the treatment area of the main cutting piece situated on the foot, a further post cutting piece is provided. It has a different cutting design compared to the main cutting piece. The post cutting piece has a pin blade. The main cutting piece has at least one wedge-shaped blade.

IPC 8 full level
E21C 35/183 (2006.01); **E02F 9/28** (2006.01)

CPC (source: EP KR US)
E02F 9/2858 (2013.01 - EP KR US); **E02F 9/2866** (2013.01 - EP KR US)

Citation (search report)

- [X] US 3834764 A 19740910 - KREKELER C
- [X] US 4674802 A 19870623 - MCKENNA ALEX G [US], et al
- [X] DE 202004005920 U1 20040603 - DBT GMBH [DE]
- [X] DE 8625465 U1 19861204
- [X] DE 8611538 U1 19860724
- [X] US 3737199 A 19730605 - STEPHENSON E
- [X] DE 2950108 A1 19810619 - HALBACH & BRAUN [DE], et al
- [X] GB 1228009 A 19710415
- [X] DE 3532389 A1 19860424 - KROHM REINOLD
- [X] US 3720273 A 19730313 - MC KENRY R, et al
- [X] DE 3516332 A1 19870102 - LANGEN & SONDERMANN FA [DE]
- [A] US 4768297 A 19880906 - RIVARD DANIEL [FR]

Cited by
EP2687639A1; KR20180074754A; EP2218829A3; US10676892B2; WO2017068239A1; EP2218829A2; US8051588B2; DE202009001814U1; WO2023016915A1; EP4134488A1; WO2023016809A1

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 LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
EP 1780375 A1 20070502; EP 1780375 B1 20080213; AT E386191 T1 20080315; CN 1955383 A 20070502; CN 1955383 B 20110105; DE 502005002851 D1 20080327; ES 2300921 T3 20080616; KR 100827017 B1 20080502; KR 20070045118 A 20070502; SG 131894 A1 20070528; US 2007107273 A1 20070517; US 7578080 B2 20090825

DOCDB simple family (application)
EP 05023320 A 20051025; AT 05023320 T 20051025; CN 200610142469 A 20061025; DE 502005002851 T 20051025; ES 05023320 T 20051025; KR 20060104155 A 20061025; SG 2006073076 A 20061019; US 58600906 A 20061025