

Title (en)  
Milling tooth for the working of the soil

Title (de)  
Fräszahn zur Erdbearbeitung

Title (fr)  
Dent de fraisage pour le travail de la terre

Publication  
**EP 0916771 B1 20050928 (DE)**

Application  
**EP 98121388 A 19981110**

Priority  
DE 29720261 U 19971114

Abstract (en)  
[origin: CA2254096A1] The invention relates to a cutting tooth to be fitted in a cutting-tooth holder of an earthworking appliance having at least one cutter which is mounted ahead of a cutter-support region, as seen in the cutting direction, and has at least one cutting edge, wherein the size of the cross-sectional areas of the cutter-support region which lie perpendicular to the cutting advance direction and intersect the at least one cutting edge remains approximately constant in at least one area which is delimited by in each case two such cross-sectional areas. This allows an efficient cutting advance combined with a simple design even in the event of wear to the advance side facing in the cutting advance direction.

IPC 1-7  
**E02F 9/28**; **E21C 35/18**

IPC 8 full level  
**E02F 5/06** (2006.01); **E02F 9/28** (2006.01); **E21B 10/58** (2006.01); **E21C 35/18** (2006.01)

CPC (source: EP KR US)  
**E02F 9/2808** (2013.01 - EP KR US); **E02F 9/2866** (2013.01 - EP KR US)

Cited by  
EP2218829A2; US8051588B2; DE202009001814U1

Designated contracting state (EPC)  
DE FR IT

DOCDB simple family (publication)  
**DE 29720261 U1 19980108**; CA 2254096 A1 19990514; CA 2254096 C 20030729; DE 59813079 D1 20060209; EP 0916771 A2 19990519; EP 0916771 A3 20010328; EP 0916771 B1 20050928; JP 3056472 B2 20000626; JP H11223082 A 19990817; KR 100297936 B1 20011026; KR 19990021706 U 19990625; KR 19990045285 A 19990625; KR 200203438 Y1 20001201; US 6270164 B1 20010807

DOCDB simple family (application)  
**DE 29720261 U 19971114**; CA 2254096 A 19981113; DE 59813079 T 19981110; EP 98121388 A 19981110; JP 32343098 A 19981113; KR 19980001832 U 19980213; KR 19980048793 A 19981113; US 19000298 A 19981112