

Title (en)
Tooth cap for construction machine

Title (de)
Zahnkappe für Baumaschinen

Title (fr)
Bonnet dentaire pour machine de chantier

Publication
EP 1154082 A3 20020626 (DE)

Application
EP 01110817 A 20010504

Priority
DE 10022629 A 20000511

Abstract (en)
[origin: EP1154082A2] The digging tooth cap has wedge-shaped working surfaces (4), extending towards each other. At least one of the working surfaces has several longitudinal ribs (5) and/or transverse ribs (13). One working surface is curved between its side edges, and longitudinal ribs are formed in the center of the wedge surface approximately parallel to the edges. The edges are higher than the ribs, and the relative distance between the ribs is larger than rib height, and smaller than 8-times the rib height. The transverse ribs are positioned at even relative distances.

IPC 1-7
E02F 9/28

IPC 8 full level
E02F 9/28 (2006.01)

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

Citation (search report)

- [XY] US 2360315 A 19441017 - CAMPBELL CLARENCE W, et al
- [X] US 2247202 A 19410624 - RATKOWSKI THOMAS A
- [X] GB 1597554 A 19810909 - VIEHMANN & CO INTERTRAC
- [Y] GB 2151207 A 19850717 - HILDEN RAINER AUGUST
- [Y] US 3325926 A 19670620 - WILSON WILLIAM W
- [A] US 5966848 A 19991019 - MONTEIRO JR CARLOS ALBERTO DE [BR], et al

Cited by
US10041230B2; US10060100B2; WO2012166565A1; US9624651B2

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

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