

Title (en)  
Tamping tool and method for its manufacture

Title (de)  
Stopfpickel und Verfahren zu dessen Herstellung

Title (fr)  
Outil de bourrage et son procédé de fabrication

Publication  
**EP 1375748 A3 20040908 (DE)**

Application  
**EP 03450144 A 20030611**

Priority  
AT 4242002 U 20020628

Abstract (en)  
[origin: US2004045473A1] A tamping tine for tamping ballast underneath a railroad track has a tine shank and a tine pad attached to the shank. For increasing its abrasion resistance, the tine pad is formed with a pad casing of wear-resistant material. The pad casing is formed with an opening and it is filled with core material. The core material is suitable for welding to the tine shank and it is attached thereto by way of a welding seam.

IPC 1-7  
**E01B 27/16**

IPC 8 full level  
**E01B 27/16** (2006.01)

CPC (source: EP US)  
**E01B 27/16** (2013.01 - EP US); **E01B 2203/12** (2013.01 - EP US)

Citation (search report)  
• [XA] US 2002051682 A1 20020502 - GEVIK GLENN [US], et al  
• [A] WO 8703316 A1 19870604 - GRANT MICHAEL R [US]  
• [DA] US 4996925 A 19910305 - BIERMANN PAUL [CA]

Cited by  
DE202012002697U1

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 PT RO SE SI SK TR

DOCDB simple family (publication)  
**US 2004045473 A1 20040311; US 6925940 B2 20050809**; AT 5704 U2 20021025; AT 5704 U3 20030625; AT E395465 T1 20080515; DE 50309820 D1 20080626; EP 1375748 A2 20040102; EP 1375748 A3 20040908; EP 1375748 B1 20080514

DOCDB simple family (application)  
**US 61018503 A 20030630**; AT 03450144 T 20030611; AT 4242002 U 20020628; DE 50309820 T 20030611; EP 03450144 A 20030611