

Title (en)

PICK, IN PARTICULAR A ROUND-SHANK PICK

Title (de)

MEISSEL, INSBESONDERE RUNDSCHAFTMEISSEL

Title (fr)

BURIN, EN PARTICULIER BURIN À QUEUE D'ARONDE

Publication

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Application

EP 16701457 A 20160122

Priority

- DE 102015101063 A 20150126
- EP 2016051342 W 20160122

Abstract (en)

[origin: CA2982483A1] The invention relates to a pick, in particular a round-shank pick, comprising a pick head and a pick shank, wherein the pick head consists of at least a base part and a cutting element, which is connected to the base part and is composed of a hard material, in particular hard metal, wherein the base part has a wear-resistant layer on the outer surface thereof at the connection to the cutting element, which wear-resistant layer covers at least one segment of the outer surface of the base part facing the cutting element and wherein an end face of the wear-resistant layer facing the cutting element is covered by the cutting element. According to the invention, the base part has an axially oriented cut-out for receiving a fastening segment of the cutting element, the base part has a counter surface facing the cutting element and extending around the cut-out, and the counter surface and the end face of the wear-resistant layer form a continuous flat surface. The invention further relates to two methods for producing such a pick. The pick formed in such a way has low abrasive wear.

IPC 8 full level

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CPC (source: CN EP US)

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Citation (examination)

- DE 3531787 C1 19860626 - BERCHEM & SCHABERG GMBH
- DE 9016655 U1 19910228

Citation (opposition)

- Opponent : KENNAMETAL INC.
- US 4711503 A 19871208 - BERCHEM RUETGER [DE], et al
 - DE 3519101 A1 19861204 - WIRTGEN REINHARD
 - EP 0412287 A2 19910213 - WAHL VERSCHLEISS TECH [DE]
 - DE 4039217 A1 19920611 - JACOBS WILLI [DE], et al
 - US 2005035649 A1 20050217 - MERCIER GREGORY DAVID [US], et al
 - US 2005212345 A1 20050929 - SLEEP KEITH [AU], et al
 - US 2008164747 A1 20080710 - WEAVER STEVEN LEE [AU], et al

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