

Title (en)
Toolshaft.

Title (de)
Werkzeugschaft.

Title (fr)
Tige d'outil.

Publication
EP 0645218 A3 19950906 (DE)

Application
EP 94114758 A 19940920

Priority
DE 9314416 U 19930923

Abstract (en)
[origin: EP0645218A2] The invention relates to a tool shaft (shank) for rotating tools having at least two diametrically opposite slots extending in the axial direction for receiving rotational drivers and/or locking elements of a mechanical torque-transmitting device. For such a tool shaft to fit not only into a receptacle, adapted for it, of a very specific machine system, but also to be universally insertable into various machine types, the invention proposes that all of the slots open out at the end of the shaft and that the flanks of at least two diametrically opposite slots have a hollow-cylindrical bevel within a section which is axially bounded in both directions and always ends at a distance from the shaft end. <IMAGE>

IPC 1-7
B25D 17/08

IPC 8 full level
B25D 17/08 (2006.01)

CPC (source: EP)
B25D 17/088 (2013.01); **B25D 2217/0034** (2013.01); **B25D 2217/0038** (2013.01)

Citation (search report)
• [XP] EP 0579579 A1 19940119 - HILTI AG [LI]
• [YD] DE 2551125 A1 19770526 - BOSCH GMBH ROBERT
• [Y] EP 0171358 A2 19860212 - HILTI AG [LI]
• [A] EP 0355071 A1 19900221 - PROSPECTION & INVENTIONS [FR]
• [A] DE 9013190 U1 19920123

Designated contracting state (EPC)
AT CH DE DK FR LI NL

DOCDB simple family (publication)
DE 9314416 U1 19931209; EP 0645218 A2 19950329; EP 0645218 A3 19950906

DOCDB simple family (application)
DE 9314416 U 19930923; EP 94114758 A 19940920