

Title (en)

Improvements in tool inserts and tools adopting such inserts.

Title (de)

Werkzeugeinsätze und Werkzeuge, die damit ausgerüstet sind.

Title (fr)

Mises rapportées et outils équipés avec ces dernières.

Publication

EP 0014690 A1 19800820 (EN)

Application

EP 80830002 A 19800112

Priority

IT 8331179 A 19790123

Abstract (en)

Tool inserts, advantageously but not restrictively inserts for rotating tools. The inserts being formed of a cutting bit (11), bit clamping and locking cap means (12) and securement means (14) advantageously screw means. Projection means (25) provided in the tool head (29) are interfering partially with the cap means (12). Other projection means (23) provided in the cap means (12) are interfering partially with the securement means (14). One projection (23) is cooperating with the means (12,14) with which it interferes, to generate a lateral clamping force due to the effect of the centrifugal force.

IPC 1-7

B27G 13/04

IPC 8 full level

B27G 13/04 (2006.01)

CPC (source: EP)

B27G 13/04 (2013.01)

Citation (search report)

- DE 1111800 B 19610727 - MONTANWERKE WALTER A G
- DE 1252509 C

Cited by

EP0037692A3; AT384392B; GB2366235A; GB2366235B; AT216U1

Designated contracting state (EPC)

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EP 0014690 A1 19800820; ES 487880 A0 19801216; ES 8101973 A1 19801216; IT 1127818 B 19860528; IT 7983311 A0 19790123

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EP 80830002 A 19800112; ES 487880 A 19800121; IT 8331179 A 19790123