

Title (en)
Clamping chuck.

Title (de)
Spannfutter.

Title (fr)
Mandrin de serrage.

Publication
EP 0481220 B1 19950111 (DE)

Application
EP 91115623 A 19910914

Priority
DE 4032694 A 19901015

Abstract (en)
[origin: US5152541A] A chuck for chucking predominantly chip-removing tools, such as milling cutters, drills, countersinks or the like which have a cylindrical shaft and a recessed drive surface on the shaft with stop shoulders in axial direction. A stop member inserted in a duct of the front portion of the chuck engages the stop surface, so that the chucking force acting on the tool shaft extends in axial direction and the chucking force is transmitted between the tool shaft and the front portion of the chuck by the locking member.

IPC 1-7
B23B 31/00; **B23B 31/02**

IPC 8 full level
B23B 29/00 (2006.01); **B23B 31/00** (2006.01); **B23B 31/02** (2006.01); **B23B 31/107** (2006.01); **B25D 17/08** (2006.01)

CPC (source: EP US)
B25D 17/08 (2013.01 - EP US); **Y10T 279/16** (2015.01 - EP US); **Y10T 279/17111** (2015.01 - EP US); **Y10T 408/95** (2015.01 - EP US); **Y10T 409/30952** (2015.01 - EP US)

Cited by
DE19512556A1; EP2857129A1; US9636751B2

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB IT LI NL SE

DOCDB simple family (publication)
US 5152541 A 19921006; AT E116885 T1 19950115; DE 4032694 A1 19920416; DE 4032694 C2 19931104; DE 59104230 D1 19950223; DE 9103580 U1 19910627; DK 0481220 T3 19950606; EP 0481220 A2 19920422; EP 0481220 A3 19920715; EP 0481220 B1 19950111; ES 2069157 T3 19950501; JP H04261704 A 19920917

DOCDB simple family (application)
US 77408291 A 19911009; AT 91115623 T 19910914; DE 4032694 A 19901015; DE 59104230 T 19910914; DE 9103580 U 19910323; DK 91115623 T 19910914; EP 91115623 A 19910914; ES 91115623 T 19910914; JP 29206491 A 19911014