

Title (en)
EXPANSION CHUCK TOOL

Title (de)
DEHNSPANNWERKZEUG

Title (fr)
OUTIL DE SERRAGE EXTENSIBLE

Publication
EP 1185390 A1 20020313 (DE)

Application
EP 00993834 A 20001026

Priority
• DE 10007074 A 20000216
• EP 0010534 W 20001026

Abstract (en)
[origin: WO0160556A1] The invention relates to an expansion chuck tool having a base body (2) that can be fixed to a work spindle of a machine tool. The inventive expansion chuck tool also comprises an expansion sleeve (5) which is inserted into said base body (2) and thus results in a closed annular space (7) or surrounds said body and is soldered to the base body (2) at least in the axial end regions (2) thereof. The expansion sleeve (5) and the base body (2) form a positive locking at least in the connection area which is not situated in the proximity of the work spindle. The components (2, 5) are fixed to each other in the radial direction by means of said positive locking.

IPC 1-7
B23B 31/30

IPC 8 full level
B23B 31/117 (2006.01); **B23B 31/30** (2006.01)

CPC (source: EP)
B23B 31/305 (2013.01)

Citation (search report)
See references of WO 0160556A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 0160556 A1 20010823; CN 1347353 A 20020501; DE 10007074 A1 20010906; EP 1185390 A1 20020313; JP 2003522650 A 20030729

DOCDB simple family (application)
EP 0010534 W 20001026; CN 00806315 A 20001026; DE 10007074 A 20000216; EP 00993834 A 20001026; JP 2001559637 A 20001026