

Title (en)
Centering clamp

Title (de)
Zentrierspanner

Title (fr)
Dispositif de serrage et de centrage

Publication
EP 1391266 A3 20041208 (DE)

Application
EP 03017820 A 20030805

Priority
DE 10238815 A 20020823

Abstract (en)
[origin: EP1391266A2] The centering chuck assembly incorporates a hook (1) with a recurved hooked end (2) on the end of an arm (3). The arm has a base portion with a curved slot allowing tilting and sliding movement on a pin in a chuck drive fitting (SA). An adapter plate (4) containing a spring (11) fits on the front surface (10) of the drive. The centering mandrel (5) has a slit (6) which can accommodate the hook.

IPC 1-7
B25B 5/16; **B25B 5/08**

IPC 8 full level
B25B 5/08 (2006.01); **B25B 5/12** (2006.01)

CPC (source: EP)
B25B 5/087 (2013.01); **B25B 5/122** (2013.01)

Citation (search report)
• [DA] DE 20100701 U1 20010322 - TUENKERS MASCHINENBAU GMBH [DE]
• [A] EP 1225008 A1 20020724 - PROGRESSIVE TOOL & IND CO [US]
• [DA] DE 29713607 U1 19970925 - STA CO METTALLERZEUGNISSE GMBH [DE]

Cited by
EP1702721A1; JP2010179429A; EP1702719A1; DE102016015041A1; DE102016015041B4; CN110293490A; DE102015122360B3; DE102015006019B3; CN108747905A; EP3677382A1; CN114401824A; EP1624201A3; ITTO20120106A1; EP2626174A1; US7311301B2; DE202015008208U1; EP3095558A1; US7686286B2; EP3542963A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1391266 A2 20040225; **EP 1391266 A3 20041208**; **EP 1391266 B1 20060503**; DE 10238815 B3 20040226; DE 50303161 D1 20060608; ES 2258684 T3 20060901

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