

Title (en)
SYNCHRONIZED CLAMPING CHUCK FOR MACHINE TOOL

Title (de)
SYNCHRONISIERTE SPANNBACKE FÜR WERKZEUGMASCHINE

Title (fr)
MANDRIN DE SERRAGE SYNCHRONISÉ POUR MACHINE-OUTIL

Publication
EP 1928625 A1 20080611 (EN)

Application
EP 06798817 A 20060920

Priority
• KR 2006003734 W 20060920
• KR 20050088533 A 20050923

Abstract (en)
[origin: WO2007035037A1] The present invention is to provide a synchronized clamping chuck for a machine tool, in which a plurality of jaws (30, 40, 50) move at the same time to clamp a work piece with hydraulic pressure increased by hydraulic oil pressurizing (20) in a state that a center of the work piece is positioned at a center of the chuck, and then other jaw clamps the work piece, so that the machining can be done in a state the work piece is clamped rigidly when the centers of the work piece and the chuck are coincident.

IPC 8 full level
B23B 31/30 (2006.01)

CPC (source: EP KR)
B23B 31/10 (2013.01 - KR); **B23B 31/16** (2013.01 - KR); **B23B 31/16287** (2013.01 - EP); **B23B 31/30** (2013.01 - EP KR);
B23B 2270/12 (2013.01 - EP)

Citation (search report)
See references of WO 2007035037A1

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

DOCDB simple family (publication)
WO 2007035037 A1 20070329; CN 101272878 A 20080924; CN 101272878 B 20100414; EP 1928625 A1 20080611;
JP 2009508705 A 20090305; KR 100639412 B1 20061031

DOCDB simple family (application)
KR 2006003734 W 20060920; CN 200680035031 A 20060920; EP 06798817 A 20060920; JP 2008532160 A 20060920;
KR 20050088533 A 20050923