

Title (en)

Machine tool with securing flange

Title (de)

Werkzeugmaschine mit Befestigungsflansch

Title (fr)

Machine-outil avec flasque de fixation

Publication

EP 1302286 B1 20060201 (DE)

Application

EP 02021591 A 20020927

Priority

DE 20117159 U 20011016

Abstract (en)

[origin: EP1302286A1] The tool (10) has a drive shaft (16) formed with a recess (20) at its free end. A tool (24) is fixed to the free end of the drive shaft by having the securing portion of a detachable securing flange (18) extend through the tool opening and engage with the drive shaft recess. <??>Independent claims are also included for the following: <??>(a) a drive shaft; and <??>(b) a securing flange.

IPC 8 full level

B26B 7/00 (2006.01); **B24B 45/00** (2006.01); **B26D 7/26** (2006.01); **B27B 5/32** (2006.01)

CPC (source: EP US)

B26B 7/00 (2013.01 - EP US); **B26D 7/2614** (2013.01 - EP US); **Y10T 83/929** (2015.04 - EP US)

Cited by

DE102007035045A1; CN103003030A; RU2495739C2; CN105965448A; US8187058B2; CN105555474A; US10137592B2; US10940605B2; US11724413B2; DE202008011959U1; US8585469B2; US10471518B2; US10052695B2; US10065248B2; US10807170B2; US10967435B2; US11590584B2

Designated contracting state (EPC)

CH DE FR GB IT LI

DOCDB simple family (publication)

DE 20117159 U1 20020214; DE 50205737 D1 20060413; EP 1302286 A1 20030416; EP 1302286 B1 20060201; US 2003100251 A1 20030529; US 6802764 B2 20041012

DOCDB simple family (application)

DE 20117159 U 20011016; DE 50205737 T 20020927; EP 02021591 A 20020927; US 27186602 A 20021016