

Title (en)

SPACER FLANGE FOR A MACHINE TOOL

Title (de)

ZWISCHENFLANSCH FÜR EINE WERKZEUGMASCHINE

Title (fr)

COLLET INTERMEDIAIRE DESTINE A UNE MACHINE-OUTIL

Publication

**EP 1773546 A1 20070418 (DE)**

Application

**EP 05769815 A 20050620**

Priority

- EP 2005052849 W 20050620
- DE 102004036585 A 20040728

Abstract (en)

[origin: WO2006010675A1] The invention relates to a spacer flange for a machine tool for the mounting of machine parts, comprising an outer wall (22). According to the invention, the outer wall (22) has a gridded support construction (10), giving said spacer flange a good torsional and bending resistance with low material requirements. The gridded support construction (10) can have a honeycomb or diamond-shaped structure with solid crossing webs (11).

IPC 8 full level

**B25F 5/02** (2006.01)

CPC (source: EP US)

**B25D 17/00** (2013.01 - EP US); **B25D 2217/0061** (2013.01 - EP US); **B25D 2250/065** (2013.01 - EP US); **B25D 2250/121** (2013.01 - EP US); **Y10T 74/14** (2015.01 - EP US); **Y10T 74/22** (2015.01 - EP US)

Citation (search report)

See references of WO 2006010675A1

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 MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**WO 2006010675 A1 20060202**; AT E405385 T1 20080915; CN 100584544 C 20100127; CN 1988987 A 20070627;  
DE 102004036585 A1 20060323; DE 502005005135 D1 20081002; EP 1773546 A1 20070418; EP 1773546 B1 20080820;  
US 2008016983 A1 20080124

DOCDB simple family (application)

**EP 2005052849 W 20050620**; AT 05769815 T 20050620; CN 200580025407 A 20050620; DE 102004036585 A 20040728;  
DE 502005005135 T 20050620; EP 05769815 A 20050620; US 57931305 A 20050620