

Title (en)

MACHINE TOOL WITH TWO CLAMP POINTS ON SEPARATE CARRIAGES

Title (de)

WERZEUGMASCHINE MIT ZWEI SPANNSTELLEN AUF GETRENNTEN SCHLITTEN

Title (fr)

MACHINE-OUTIL COMPRENANT DEUX ZONES DE SERRAGE SUR DES COULISSEAUX SEPARES

Publication

EP 1907168 A1 20080409 (DE)

Application

EP 06721959 A 20060515

Priority

- CH 2006000257 W 20060515
- CH 8562005 A 20050516

Abstract (en)

[origin: WO2006122440A1] The invention relates to a machine tool for milling workpieces, provided with at least two linear displacement axes and at least one pivot axis for carrying out relative movements between a tool and the corresponding workpiece with a workpiece mounting in which a workpiece may be clamped between two clamping points, whereby one of the linear displacement axes is provided as workpiece axis of the workpiece mounting, by means of which the workpiece may be linearly driven, which is furthermore provided with a tool holder for mounting a cutting machining tool, driven in rotation about a tool axis by means of a tool drive. The same conditions are achieved for workpieces of greatly different length for a highly accurate production, whereby two physically separate carriages (27, 28) for the workpiece mounting are provided, on each of which one of the clamping points (16, 17) is arranged and which both may be linearly driven along the same workpiece axis independently of each other.

IPC 8 full level

B23Q 1/62 (2006.01); **B23B 23/00** (2006.01); **B23C 3/18** (2006.01); **B23Q 39/02** (2006.01)

CPC (source: EP KR US)

B23B 23/00 (2013.01 - KR); **B23C 1/06** (2013.01 - EP US); **B23C 3/18** (2013.01 - EP KR US); **B23Q 1/54** (2013.01 - EP US); **B23Q 1/62** (2013.01 - KR); **B23Q 1/623** (2013.01 - EP US); **B23Q 39/02** (2013.01 - KR); **B23C 2215/44** (2013.01 - EP US); **Y10T 29/5114** (2015.01 - EP US); **Y10T 409/303808** (2015.01 - EP US); **Y10T 409/305656** (2015.01 - EP US); **Y10T 409/307672** (2015.01 - EP US)

Citation (search report)

See references of WO 2006122440A1

Cited by

CN107052373A

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 2006122440 A1 20061123; CN 101193727 A 20080604; DE 202006020904 U1 20100923; EP 1907168 A1 20080409; JP 2008540145 A 20081120; KR 20080018166 A 20080227; US 2008213057 A1 20080904

DOCDB simple family (application)

CH 2006000257 W 20060515; CN 200680016817 A 20060515; DE 202006020904 U 20060515; EP 06721959 A 20060515; JP 2008511528 A 20060515; KR 20077026994 A 20071120; US 91448306 A 20060515