Title (en)

Method for processing workpieces in a double sided processing machine and double sided processing machine

Title (de)

Verfahren zum Bearbeiten von Werkstücken in einer Doppelseitenbearbeitungsmaschine sowie Doppelseitenbearbeitungsmaschine

Title (fr)

Procédé de traitement de pièces dans une machine de traitement bilatéral, ainsi qu'une machine de traitement bilatéral

Publication

EP 2199015 A3 20110112 (DE)

Application

EP 09014386 A 20091118

Priority

DE 102008063227 A 20081222

Abstract (en)

[origin: EP2199015A2] The method involves rotatably driving upper and lower working disks (16, 20) such that a working gap is formed between an upper spherical working surface and a lower spherical working surface of the respective disks. A rotor disk (22) is arranged in the gap and displaced in rotation by a roller device. Workpieces received in the rotor disk are moved along cycloid paths and processed by the working surfaces. The working surfaces are provided with different radii of curvature ranging between 1m and 10m. An independent claim is also included for a double sided-processing machine for processing a workpiece.

IPC 8 full level

B24B 7/17 (2006.01); **B24B 11/06** (2006.01); **B24B 13/01** (2006.01); **B24B 37/08** (2012.01); **B24B 37/28** (2012.01)

CPC (source: EP)

B24B 7/17 (2013.01); **B24B 37/08** (2013.01); **B24B 37/28** (2013.01)

Citation (search report)

- [XYI] DE 102007056627 A1 20080925 - SILTRONIC AG [DE], et al
- [Y] WO 2005058544 A1 20050630 - ZEISS CARL SMT AG [DE], et al
- [AD] DE 102006037490 A1 20080214 - WOLTERS PETER FA [DE]
- [AD] DE 102006017685 A1 20071018 - ZEISS CARL AG [DE]

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

EP 2199015 A2 20100623; **EP 2199015 A3 20110112**; **EP 2199015 B1 20120418**; AT E553882 T1 20120515; DE 102008063227 A1 20100624

DOCDB simple family (application)

EP 09014386 A 20091118; AT 09014386 T 20091118; DE 102008063227 A 20081222