

Title (en)
Bevel machining system

Title (de)
Bearbeitungssystem einer Abschrägung

Title (fr)
Système d'usinage d'un biseau

Publication
EP 2537633 B1 20140507 (FR)

Application
EP 11171314 A 20110624

Priority
EP 11171314 A 20110624

Abstract (en)
[origin: EP2537633A1] The system (1) has a grinding device (3) including an abrasive unit (4) and a securing device (5) for securing a disk-shaped part including a moving support (13) onto which the part is fitted. The securing device includes an orienting unit (15) for orienting axis of rotation to define an angle of a bevel and a moving unit for moving the support closer to the abrasive unit so as to machine the part under stress. The grinding device includes a resilient unit for maintaining contact between the abrasive strip and the part underneath the area of contact between the abrasive strip and the part. The resilient unit is formed by an elastomer block.

IPC 8 full level
B24B 9/08 (2006.01); **B24B 21/00** (2006.01); **G04D 3/06** (2006.01)

CPC (source: EP US)
B24B 9/085 (2013.01 - EP US); **B24B 21/002** (2013.01 - EP US); **G04D 3/065** (2013.01 - EP US)

Cited by
CN106985025A

Designated contracting state (EPC)
AL 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 RS SE SI SK SM TR

DOCDB simple family (publication)
EP 2537633 A1 20121226; EP 2537633 B1 20140507; CN 102837237 A 20121226; CN 102837237 B 20161116; JP 2013006268 A 20130110; US 2012329372 A1 20121227; US 8956202 B2 20150217

DOCDB simple family (application)
EP 11171314 A 20110624; CN 201210212014 A 20120621; JP 2012140418 A 20120622; US 201213529348 A 20120621