

Title (en)
Centerless grinding machine

Title (de)
Spitzenlose Rundschleifmaschine

Title (fr)
Machine à meuler sans centre

Publication
EP 1493533 B1 20061122 (DE)

Application
EP 03405501 A 20030704

Priority
EP 03405501 A 20030704

Abstract (en)
[origin: EP1493533A1] Grinding machine, especially a cylindrical grinding machine has a machining table (1) with disk carriages (6, 12) on which disks (2, 3) are mounted and a workpiece mounting arrangement. The disks are aligned relative to the workpiece with an alignment device (17) that is mounted on its own carriage (18) that can be driven along a first axis (19) that is essentially parallel to the rotation axis (5, 11) of the corresponding disk. During a process the alignment device is fixed perpendicular to the movement axis.

IPC 8 full level
B24B 5/18 (2006.01); **B24B 5/30** (2006.01); **B24B 53/04** (2012.01)

CPC (source: EP US)
B24B 5/18 (2013.01 - EP US); **B24B 5/30** (2013.01 - EP US); **B24B 53/04** (2013.01 - EP US)

Cited by
CN104816238A; DE102005045023B3

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1493533 A1 20050105; EP 1493533 B1 20061122; AT E345898 T1 20061215; DE 50305751 D1 20070104; US 2005003739 A1 20050106; US 6969298 B2 20051129

DOCDB simple family (application)
EP 03405501 A 20030704; AT 03405501 T 20030704; DE 50305751 T 20030704; US 88235104 A 20040702