

Title (en)

Procedure and machine for grinding with precision the opposite surfaces of elements of material with technological interest

Title (de)

Verfahren und Maschine zum präzisen Schleifen gegenüberliegender Oberflächen von technologisch bedeutsamen Gegenständen

Title (fr)

Procédé et machine pour le meulage précis des surfaces opposées des objets d'importance technologique

Publication

EP 2363239 A1 20110907 (EN)

Application

EP 10002255 A 20100304

Priority

EP 10002255 A 20100304

Abstract (en)

The machine comprises an inlet area of the pieces to be grinded, a first conveyor for the pieces, the pieces rotating in a first direction starting with a horizontal laying, a first grinding area to grind a face of each piece which can be reached by a first abrasive means, a second conveyor for the piece for putting again the piece into the horizontal laying, a third conveyor of the pieces which rotate in a third direction, a second grinding area for grinding the second face of each piece opposite to the first one, the second face is available to a second abrasive means thanks to the third conveyor, a fourth conveyor of the pieces which rotate in a fourth direction opposite to the third one beginning with the laying reached through the third conveyor in order to reach a horizontal laying, an exit from the machine of the grinded pieces and brought again into the horizontal laying through the fourth conveyor.

IPC 8 full level

B24B 1/00 (2006.01); **B24B 7/00** (2006.01); **B24B 7/06** (2006.01); **B24B 7/22** (2006.01); **B24B 21/04** (2006.01); **B24B 27/00** (2006.01); **B24B 51/00** (2006.01)

CPC (source: EP)

B24B 1/00 (2013.01); **B24B 7/00** (2013.01); **B24B 7/06** (2013.01); **B24B 7/22** (2013.01); **B24B 21/04** (2013.01); **B24B 27/0069** (2013.01); **B24B 51/00** (2013.01)

Citation (search report)

- [X] KR 20080098135 A 20081107 - TAE JAE GEUN [KR]
- [I] US 4393856 A 19830719 - GEBHART SIEGFRIED [DE]
- [A] EP 1647381 A2 20060419 - CO MA F S N C DI BALDELLI E AN [IT]

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 ME RS

DOCDB simple family (publication)

EP 2363239 A1 20110907

DOCDB simple family (application)

EP 10002255 A 20100304