

Title (en)

Rotary grinding machine without points and method for grinding without points with height-adjustable control wheel

Title (de)

Spitzenlose Rundschleifmaschine und Verfahren zum spitzenlosen Schleifen mit höhenverstellbarer Regelscheibe

Title (fr)

Meuleuse cylindrique sans pointe et procédé de meulage sans pointe à l'aide d'une plaque de réglage réglable en hauteur

Publication

EP 2394783 B1 20140319 (DE)

Application

EP 10405115 A 20100614

Priority

EP 10405115 A 20100614

Abstract (en)

[origin: EP2394783A1] The machine has a regulating wheel (20) laterally displaced toward a work-piece (30) that is held between the regulating wheel and a grinding wheel (10). The work-piece is arranged and dimensioned such that a rotational axis (A-30) of the work-piece and a rotational axis (A-10) of the grinding wheel lie in a common plane (P). Height adjustment (D) of a rotational axis (A-20) of the regulating wheel beyond the plane is kinematically decoupled from lateral displacement of the regulating wheel and varied to position the regulating wheel on the work-piece supported on a work-piece support (40). An independent claim is also included for a method for centerless sharpening of a work-piece between a grinding wheel and a regulating wheel.

IPC 8 full level

B24B 5/22 (2006.01); **B24B 5/30** (2006.01); **B24B 5/307** (2006.01)

CPC (source: EP US)

B24B 5/22 (2013.01 - EP US); **B24B 5/30** (2013.01 - EP US); **B24B 5/307** (2013.01 - EP US)

Cited by

EP3269500A1; CN104842229A; CN112476085A; US10232484B2; DE102021123380B3

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 2394783 A1 20111214; **EP 2394783 B1 20140319**; ES 2470645 T3 20140624; US 2011306273 A1 20111215; US 9085059 B2 20150721

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