

Title (en)
High speed honing machine

Title (de)
Hochgeschwindigkeits-Honmaschine

Title (fr)
Machine à empierrer haute vitesse

Publication
EP 2374574 B2 20170426 (DE)

Application
EP 10002745 A 20100316

Priority
EP 10002745 A 20100316

Abstract (en)
[origin: EP2374574A1] The machine (10) has a rotatably driven tool spindle (13) for retaining a honing tool, and a work piece carrier (15) driven by a linear motor in an oscillating manner. The carrier is arranged in a carriage (14) that is connected with a rotor of the linear motor, and the spindle is movably arranged relative to the carrier. A control device aligns the oscillating movement of the carrier and speed of the spindle to each other, and a robot device (17) loads and unloads the carrier, a measuring station (18) and/or a burring station.

IPC 8 full level
B24B 1/04 (2006.01); **B24B 33/02** (2006.01); **B24B 33/06** (2006.01); **B24B 41/00** (2006.01)

CPC (source: EP)
B24B 1/04 (2013.01); **B24B 33/02** (2013.01); **B24B 33/06** (2013.01); **B24B 41/005** (2013.01)

Cited by
CN113601385A; DE102011056099B3; CN111805309A; JP7257597B1; DE112022002716T5; WO2023243118A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 2374574 A1 20111012; EP 2374574 B1 20131120; EP 2374574 B2 20170426

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