

Title (en)

Clamping system

Title (de)

Spann- beziehungsweise Greifsystem

Title (fr)

Système de serrage

Publication

EP 1329283 B1 20051026 (DE)

Application

EP 03000871 A 20030115

Priority

DE 10201251 A 20020115

Abstract (en)

[origin: EP1329283A2] The clamping and grip system has a long stroke movement, in an automatic system to hold and secure workpieces of different dimensions and formats. A control sets the clamping width according to the workpiece size and shape, to control the clamp/grip action. The clamp unit is a hydraulically operated vise (1), with a spindle powered by an electromotor or pneumatically. The workpiece measurements and structure are registered by optical and/or electrical sensors, or they can be scanned on a workpiece data carrier. At least one clamping pad (3) is operated by a hydraulic or pneumatic cylinder (4) under the clamping plane.

IPC 1-7

B23Q 3/06; B25B 1/02; B23Q 3/08

IPC 8 full level

B25B 1/18 (2006.01)

CPC (source: EP)

B25B 1/18 (2013.01)

Cited by

CN111618632A; CN104526593A; CN108312169A; EP4331763A1; IT202200018000A1; EP2546027A1; CN114393516A

Designated contracting state (EPC)

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