

Title (en)
Centrifugally activated quick-clamping means for cutters in a planing machine

Title (de)
Fliehkraftbetätigte Schnellspannvorrichtung für Hobelmesser

Title (fr)
Rabot avec moyen de serrage rapide actionné par la force centrifuge

Publication
EP 0428996 B1 19960717 (DE)

Application
EP 90121830 A 19901114

Priority
EP 89121318 A 19891117

Abstract (en)
[origin: CA2030044A1] A quick-clamping device operated by centrifugal force, for clamping a disposable, reversible blade to the cutter head or the cutter shaft of a planing machine. According to the invention, the quick-clamping device is characterized by a centrifugal clamping wedge 2 having a cross-sectional configuration similar to an inverted T-shape. For clamping a disposable, reversible blade 3, the centrifugal clamping wedge 2 is disposed in a groove 1.1, having substantially the same configuration, of a rotatable tool base body 1, and is supported in resilient manner against the groove bottom 1.2.
[origin: CA2030044A1] A quick-clamping device is described, operated by centrifugal force, for clamping a disposable, reversible blade to the cutter head or the cutter shaft of a planing machine. According to the invention, the quick-clamping device is characterized by a centrifugal clamping wedge having a cross-sectional configuration similar to an inverted T-shape. For clamping a disposable, reversible blade, the centrifugal clamping wedge is disposed in a groove, having substantially the same configuration, of rotatable tool base body, and is supported in resilient manner against the groove bottom.

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IPC 8 full level
B27C 1/02 (2006.01); **B27G 13/04** (2006.01)

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B27G 13/04 (2013.01 - EP KR US); **Y10T 407/194** (2015.01 - EP US); **Y10T 407/225** (2015.01 - EP US); **Y10T 407/2284** (2015.01 - EP US)

Citation (examination)
• FR 2180088 A1 19731123 - HOLTHUIS JOHANNES [NL], et al
• EP 0117991 A1 19840912 - SAMVAZ SA [CH]

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DE19835725B4; CH709488A1; DE29711417U1; DE19813084C1; AT407132B; DE29711416U1; US11298851B2; US6279444B1; WO9712734A1; WO2015157871A3; WO9948655A3

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