

Title (en)

DEVICE AND NON-CUTTING SHAPING METHOD FOR INTRODUCING AN OUTSIDE PROFILE INTO A WORKPIECE

Title (de)

VORRICHTUNG UND SPANLOSES UMFORMUNGSVERFAHREN ZUM EINBRINGEN EINES AUSSENPROFILS IN EIN WERKSTÜCK

Title (fr)

DISPOSITIF ET PROCÉDÉ DE FORMAGE SANS ENLÈVEMENT DE MATIÈRE POUR RÉALISER UN PROFIL EXTÉRIEUR DANS UNE PIÈCE

Publication

**EP 2274119 A1 20110119 (DE)**

Application

**EP 09732947 A 20090303**

Priority

- DE 2009000285 W 20090303
- DE 102008019437 A 20080417

Abstract (en)

[origin: US2011107806A1] A portable handheld device for introducing an external profile into a longitudinal workpiece by noncutting shaping includes a locking element and a profiling tool having a pitchless profile disposed opposite the locking element and disposable at an adjustable angle as a function of a desired lead angle of the external profile within a force transmission plane, wherein the workpiece is disposable and removable between the profiling tool and the locking element, and wherein the profile tool and the locking element are configured to execute a feed movement relative to one another and to be adjustable to a neutral position.

IPC 8 full level

**B21H 3/02** (2006.01); **B21H 3/04** (2006.01); **B21H 7/18** (2006.01)

CPC (source: EP US)

**B21H 3/02** (2013.01 - EP US); **B21H 3/04** (2013.01 - EP US); **B21H 7/187** (2013.01 - EP US); **Y10T 29/53961** (2015.01 - EP US)

Citation (search report)

See references of WO 2009127178A1

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Designated extension state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

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