Title (en)
Device for processing a workpiece

Title (de)
Vorrichtung zum Bearbeiten eines Werkstücks

Title (fr)
Dispositif de traitement d'une pièce à usiner

Publication
EP 2703121 B1 20210120 (EN)

Application
EP 13176389 A 20130712

Priority
NL 1039725 A 20120713

Abstract (en)
[origin: EP2703121A1] The present invention relates to a device(1) for processing a workpiece, comprising a housing (2), a drive arranged in the housing for driving a drive shaft (4) relative to the housing, a first coupling part (6) connected directly or indirectly to the drive shaft and provided with a toothing (8), and a first workpiece processing part (109 which is provided with a second coupling part (12) connectable in engaging manner to the first coupling part (6), and wherein the second coupling part (12) is provided for this purpose with a toothing (14) co-acting with the toothing (8) of the first coupling part (6), wherein the toothing (89 of the first coupling part (6) and the toothing (14) of the second coupling part (12) are mutually engageable crown gears, and wherein the device further comprises first clamping means (16) which are configured to clamp the crown gears (8, 14) of the first and the second coupling part (6, 12) in engaging contact against each other and to thus form a self-centering clearance-free coupling.

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CPC (source: EP)
B24B 23/03 (2013.01); B24B 23/04 (2013.01); B24B 45/00 (2013.01); B24B 47/12 (2013.01)

Citation (examination)
• DE 10306974 A1 20040909 - KOMPERNAS HANDELSGMBH [DE]
• DE 102008015955 A1 20090813 - METABOWERKE GMBH [DE]

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