

Title (en)
DEVICE FOR TREATING A WORKPIECE

Title (de)
VORRICHTUNG ZUM BEARBEITEN EINES WERKSTÜCKS

Title (fr)
DISPOSITIF DESTINE A L'USINAGE D'UNE PIECE A USINER

Publication
EP 3108999 A3 20170301 (DE)

Application
EP 16174888 A 20160617

Priority
DE 102015110115 A 20150624

Abstract (en)
[origin: US2016375541A1] An apparatus (10) for machining a workpiece (12) comprises at least two machining elements (14a, 14b) and a rotating belt (16) for moving the machining elements (14a, 14b) relative to a workpiece (12) to be machined. The machining elements (14a, 14b) each comprise a main body (20a, 20b) and a first connecting element (22a, 22b) connected to the main body (20a, 20b), which first connecting element is connectable to a second connecting element (24a, 24b) complementary to the first connecting element (22a, 22b) and connected to the belt (16). The first connecting element (22a, 22b) comprises a rotary body (26a, 26b). The second connecting element (24a, 24b) has a connection area (28a, 28b) for connection with the rotary body (26a, 26b). When the rotary body (26a, 26b) is rotated in a first rotary direction (R1) the rotary body (26a, 26b) is connected to the connection area (28a, 28b). When the rotary body (26a, 26b) is rotated in a second rotary direction (R2) opposed to the first rotary direction (R1) the rotary body (26a, 26b) is separated from the connection area (28a, 28b). The rotary body (26a, 26b) is arranged relative to the main body (20a, 20b) and connected to the latter in such a manner that during machining of the workpiece (12) a resulting force is exerted on the rotary body (26a, 26b) via the main body (20a, 20b), which force provides a torque for a rotation of the rotary body (26a, 26b) in the first rotary direction (R1).

IPC 8 full level
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CPC (source: EP US)
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Citation (search report)
[AD] EP 1910024 B1 20100714 - LISSMAC MASCHINENBAU GMBH [DE]

Cited by
IT201700035961A1; DE102018106347A1; WO2019179964A1; US12031567B2

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