

Title (en)
Edge polishing machine

Title (de)
Kantenpoliermaschine

Title (fr)
Machine de polissage de bords

Publication
EP 2404700 A1 20120111 (EN)

Application
EP 11169332 A 20110609

Priority
IT VR20100136 A 20100708

Abstract (en)
An edge polishing machine (1), comprising a supporting frame (2) which has a conveyor (5) for conveying the slab (7) to be worked and supports a plurality of machining tools (3) which act on at least one edge (7a) of the slab (7) and are each actuated by a respective spindle (4). The machining tools (3) are mounted on a support (9) which can oscillate, with respect to the supporting frame (2), about a pivoting axis (10) which is substantially parallel to the advancement direction (8) of the slab (7). For at least one of the machining tools (3) a template device (11) is provided, which defines a shaping guide (12) which can be engaged slidingly, during the oscillation of the support (9) about the pivoting axis (10), by contact means (13) associated with the corresponding machining tool (3). According to the invention, automatic means for positioning the template device (11) with respect to the slab (7) are provided, as well as means for varying automatically the distance between the contact means (13) and the corresponding machining tool (3), along a direction that is substantially parallel to the axis of the corresponding spindle (4), as a function of the thickness of the slab (7) and of the shape to be given to the edge (7a).

IPC 8 full level
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Citation (applicant)
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Citation (search report)
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• [Y] EP 1649975 A1 20060426 - BIESSE SPA [IT]
• [A] EP 1063053 A2 20001227 - BAVELLONI Z SPA [IT]

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