

Title (en)

Machine for grinding plate-shaped elements, particularly tiles and slab of ceramic material, natural stones, glass or the like

Title (de)

Maschine zum Schleifen plattenförmiger Elemente, insbesondere Fliesen und Kacheln aus Keramikmaterial, Natursteine, Glas oder dergleichen

Title (fr)

Machine à meuler des éléments en forme de plaque, en particulier des tuiles et des dalles de matériau céramique, des pierres naturelles, du verre ou similaire

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Application

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Priority

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Abstract (en)

[origin: WO2011110907A1] The machine (1) for grinding plate-shaped elements, particularly tiles and slabs of ceramic material, natural stones, glass or the like, comprises: a base frame (2); forward movement means (3) for at least a plate-shaped element (4) having at least a first side (5) to be ground and at least a second side (6) transversal to the first side (5), the forward movement means (3) being fitted on the base frame (2) and being suitable for moving the plate-shaped element (4) on a movement surface (8) along a direction of forward movement (A); machining means (20, 21) for the first side (5), which are arranged in proximity of the movement surface (8) and are suitable for intercepting the plate-shaped element (4) in its movement along the direction of forward movement (A), the machining means (20, 21) comprising at least one between a side grinding wheel (20) and a chamfering wheel (21); and square positioning means (32, 33, 34, 35) of the plate-shaped element (4) on the movement surface (8), which comprise: - a first pusher (32) and a second pusher (33) moving alternately along the direction of forward movement (A) and are suitable for pushing the second side (6) to place it in a squared-up position substantially at right angles to the direction of forward movement (A); a first linear actuator (34) suitable for operating the first pusher (32) and a second linear actuator (35) suitable for operating the second pusher (33), the linear actuators (34, 35) being separated and independent the one from the other and electronically connected to a processing and control unit (16) suitable for controlling their relative movement.

IPC 8 full level

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Cited by

CN109759955A; CN112059802A; CN106826442A; IT201900002587A1; EP3466628A1; ITUA20163145A1; IT201700112496A1; WO2020170120A1; EP3581331A1

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