

Title (en)

APPARATUS FOR WORKING ELEMENTS MADE OF STONE-LIKE MATERIAL, CERAMIC MATERIAL, STONE-RESINOID AGGLOMERATE, GLASS AND/OR QUARTZ-RESINOID AGGLOMERATE AND DERIVATIVES THEREOF OR THE LIKE, EVEN WITH HIGH HARDNESS

Title (de)

VORRICHTUNG ZUM BEARBEITEN VON ELEMENTEN AUS STEINERNEM MATERIAL, KERAMIKMATERIAL, STEIN-RESINOID-AGGLOMERAT, GLAS UND/ODER QUARZ-RESINOID-AGGLOMERAT UND DERIVATEN DAVON ODER DERGLEICHEN, AUCH BEI HOHER HÄRTE

Title (fr)

APPAREIL POUR LE FAÇONNAGE D'ÉLÉMENTS EN MATÉRIAU ANALOGUE À LA PIERRE, EN MATÉRIAU CÉRAMIQUE, EN AGGLOMÉRAT RÉSINOÏDE DE PIERRE, EN AGGLOMÉRAT RÉSINOÏDE DE VERRE ET/OU DE QUARTZ ET DE LEURS DÉRIVÉS OU SIMILAIRES, MÊME D'UNE DURETÉ ÉLEVÉE

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Application

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Abstract (en)

[origin: WO2015118490A1] An apparatus (1) for working elements made of stone-like material, ceramic material, stone-resinoid agglomerate, glass and/or quartz-resinoid agglomerate and derivatives thereof or the like, even with high hardness, which comprises a supporting frame (2) that defines a resting surface (3) for the elements to be worked (10) and means for moving the elements to be worked (10) along an advancement direction (100), the supporting frame (2) supporting at least one working head (4), which is turned by motor means (5) about a respective rotation axis (101), which has at least one working portion (6) intended to make dry contact with a region to be worked (11) that is defined on the elements to be worked (10) that advance on the resting surface (3) at a working region (20), the apparatus (1) being characterized in that the elements to be worked (10) are moved, along the advancement direction (100) and at the working region (20), at an advancement rate comprised between 10 meters/minute and 40 meters/minute, in that the working heads (4) have a diameter comprised between 10 mm and 350 mm, and in that the working heads (4) are turned about the respective rotation axis (101) at a rate comprised between 5,000 rpm and 20,000 rpm.

IPC 8 full level

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