

Title (en)

Device for surfacing or polishing the vertical edge of a stone or a solid prefabricated element.

Title (de)

Vorrichtung zum Schleifen und Polieren der senkrechten Kante eines Steins oder eines vorgefertigten massiven Elementes.

Title (fr)

Dispositif de surfaçage et de polissage du chant vertical d'une pierre ou d'un élément préfabriqué massif.

Publication

EP 0196941 A1 19861008 (FR)

Application

EP 86400430 A 19860228

Priority

FR 8503301 A 19850306

Abstract (en)

1. Device which is adaptable to the vertical spindle of a polishing machine and which is intended to permit surface-grinding and polishing of the edge face of a stone or of a massive prefabricated element laid in a flat position, this being achieved by means of a rotary grinding-wheel having a vertically disposed work face whilst the support of its horizontal driving shaft is suspended from the vertical spindle of the corresponding polishing machine, this spindle being allowed to rotate freely so as to permit orientation of the vertical work face of the grinding-wheel with respect to the edge face of the stone or other material to be polished, the arrangement being such that the median line of wear of the work face of the grinding-wheel is disposed in a plane which passes through the vertical axis of the spindle of the machine to which the present device is adapted, characterized in that the support of the horizontal shaft (29) of the grinding-wheel (34a) consists of a housing (28a) which also carries the motor (32a) for driving said shaft, and said housing is suspended from a support (25a) associated with the vertical axis (2) of the spindle of the corresponding grinding machine by means of an articulated coupling device comprising two portions (25a and 26b) pivotally mounted on a common pin (36), a locking member (39) for immobilizing said housing (28a) in the desired position.

Abstract (fr)

Dispositif de surfaçage et de polissage du chant vertical d'une pierre ou d'un élément préfabriqué massif posé à plat, comportant une broche rotative d'entraînement à axe vertical (2). Ce dispositif se caractérise en ce qu'il comprend un boîtier principal (5) monté à rotation autour dudit axe vertical et recevant un axe d'entraînement horizontal (13) pour une meule boisseau (17) fixée en bout de cet axe horizontal à l'extrémité du boîtier et attaquant à plat le chant de la pierre maintenu vertical. Application à la fabrication de pierres, stèles ou éléments préfabriqués pour la construction de bâtiments.

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CPC (source: EP)

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Citation (search report)

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