

Title (en)

MACHINE FOR OPTIMIZED CUTTING OF SLABS IN STONE OR LITHOID MATERIAL

Title (de)

MASCHINE ZUM OPTIMIERTEN SCHNEIDEN VON PLATTEN AUS STEIN ODER LITHOIDMATERIAL

Title (fr)

MACHINE DE DECOUPE OPTIMISEE DE DALLES EN PIERRE OU MATERIAU LITHOIDE

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Application

EP 06832222 A 20061212

Priority

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Abstract (en)

[origin: WO2007072464A2] A machine for optimized cutting of slabs (16) of stone or stone-like material lying on a primary bench (34) comprises a first beam (28) on which a plurality of spindles (30) are mounted and is movably supported on two travelways (24, 26). In turn each of the spindles (30), whose position is adjustable along the beam, support cutting disks (32) having a fixed axis of rotation parallel to the said first beam (28) which is parallel to the feeding direction (F) of the rough slabs (16) to be cut. A second beam (38) is mounted on the same travelways (24, 26), parallel to the first beam (28) and provided with a handling device comprising suction-cups (40, 42). Since the primary bench (34) is rotatable about a vertical axis, by varying in succession the direction of the rough slab (16) with respect to the first beam (28) it is possible to perform longitudinal cutting passes in order to obtain strips (46a-46f) as well as transverse cutting passes of one or more selected strips transferred by said handling device (40, 42) from the primary bench (34) to the auxiliary bench (44) in order to obtain tiles.

IPC 8 full level

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CPC (source: EP)

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