

Title (en)

Machine having an anti-slippage means for the diamond cutting belt for cutting stones

Title (de)

Steinschneidmaschine mit Antislippmitteln für diamantierte Schneiderriemen

Title (fr)

Dispositif de coupe de pierre ayant des moyens anti-glissement pour une courroie de coupe diamantée

Publication

EP 0980745 A3 20020313 (EN)

Application

EP 99115672 A 19990809

Priority

IT SV980048 A 19980820

Abstract (en)

[origin: EP0980745A2] The invention relates to a machine for cutting slabs from a stone block (B) by means of at least one endless diamond belt (7), which extends in the cutting plane around a belt guiding arm (14) and is returned about pulleys (6) disposed at the ends of said arm (14), while being slidably guided in grooved guide means (17), which are provided on the longitudinal edges of the arm. According to a characteristic of the invention, at least along the inactive return branch of the diamond belt (7), anti-slippage means are provided, e.g. consisting of wheels (23) arranged over said branch of the diamond belt (7) in such a manner as to prevent it to come off its respective groove/s (17) of the guide means on the belt-guiding arm (14). Moreover, the machine may be mounted on rails or anyway run along a predetermined path transversely to the cutting plane, so that one or more aligned blocks are still and the cutting plane is moved along them by moving the machine. <IMAGE>

IPC 1-7

B28D 1/08

IPC 8 full level

B28D 1/08 (2006.01)

CPC (source: EP)

B28D 1/08 (2013.01)

Citation (search report)

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- [A] PATENT ABSTRACTS OF JAPAN vol. 013, no. 282 (M - 843) 28 June 1989 (1989-06-28)

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