

Title (en)

GRINDING MACHINE WITH HYDRAULIC MOTORS.

Title (de)

SCHLEIFMASCHINE MIT HYDRAULISCHEN MOTOREN

Title (fr)

MACHINE DE MEULAGE AVEC MOTEURS HYDRAULIQUES

Publication

EP 3641984 A1 20200429 (EN)

Application

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Abstract (en)

[origin: WO2018236268A1] The present disclosure relates to a grinding machine (9) for grinding rock drill bit buttons, the machine comprising a grinding arrangement with rotatable grinding spindle (25), a free end of which is configured to drive and to replaceably carry a grinding cup (5). The grinding spindle (25) is configured to rotate about a spindle axis (A) by a spindle motor (23), the grinding spindle further being configured to be rotated about a gyration axis (B) by a gyration motor (29), the gyration axis being inclined relative to the spindle axis. The spindle motor (23) and the gyration motor (23) may be hydraulic motors, which allows both those functions to be driven by for instance a main hydraulic circuit of a drilling rig.

IPC 8 full level

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