

Title (en)

DAMPING DEVICE FOR MACHINE-TOOL, VERY HIGH PERFORMANCE ADIABATIC CUTTING MACHINE AND METHOD

Title (de)

DÄMPFUNGSVORRICHTUNG FÜR WERKZEUGMASCHINE, ADIABATISCHE SCHNEIDMASCHINE MIT SEHR HOHER LEISTUNG UND VERFAHREN

Title (fr)

DISPOSITIF D'AMORTISSEMENT POUR MACHINE-OUTIL, MACHINE ET PROCEDE DE DECOUPE ADIABATIQUE A TRES HAUTE CADENCE

Publication

EP 1720679 A1 20061115 (FR)

Application

EP 04816379 A 20041214

Priority

- FR 2004003207 W 20041214
- FR 0401974 A 20040227

Abstract (en)

[origin: FR2866823A1] The device has a support block provided with an opening. A tooling jack (6) is integrated to a damping jack (5), and moves between lower and upper positions. The jack (6) is placed under surface of the damping jack, during impact. The tooling jack moves along with the damping jack when the damping jack absorbs excess energy such that the tooling jack remains under the surface of the damping jack. Independent claims are also included for the following: (A) an adiabatic cutting machine (B) a method of cutting metal rods.

IPC 8 full level

B23D 15/14 (2006.01); **B23D 23/00** (2006.01)

CPC (source: EP)

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