

Title (en)

LINEARLY DRIVEN AND AIR-COOLED BORING AND/OR PERCUSSION HAMMER

Title (de)

BOHR- UND/ODER SCHLAGHAMMER MIT LINEARANTRIEB UND LUFTKÜHLUNG

Title (fr)

MARTEAU PERFORATEUR ET/OU A PERCUSSION A ENTRAINEMENT LINEAIRE ET REFROIDISSEMENT A AIR

Publication

**EP 1910038 B1 20081126 (DE)**

Application

**EP 06762834 A 20060726**

Priority

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Abstract (en)

[origin: WO2007014688A1] The invention relates to a boring and/or percussion hammer comprising an electrodynamic linear drive and a pneumatically damped percussion mechanism which is provided with a drive piston (1) driven by the linear drive during the reciprocating movement thereof, an impact piston (3) and a pneumatic spring (7) arranged between the drive and impact pistons. An air-supply device comprises a pumping element (13), which is linearly forth and back movable for generating airflow. The pumping element (13) is connected to the drive piston (1) in such a way that the movement thereof is transmitted to said pumping element (13), thereby the cooling air is transported by an air channel (15) for cooling heat generated elements (12).

IPC 8 full level

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