

Title (en)

GRINDING UNIT HAVING COOLING DEVICE

Title (de)

MAHLEINHEIT MIT KÜHLEINRICHTUNG

Title (fr)

UNITÉ DE BROyage AVEC DISPOSITIF DE REFROIDISSEMENT

Publication

**EP 2061600 B1 20110622 (DE)**

Application

**EP 07803157 A 20070903**

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- EP 2007059170 W 20070903
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Abstract (en)

[origin: WO2008028883A1] The invention relates to a grinding unit (2) for a vibration mill (1), particularly a disk vibration mill, wherein a milling chamber (3) is configured in the grinding unit (2), the chamber being delimited on the side by a grinding wall (4) and comprising a cooling device (38) surrounding the wall. In order to achieve a practical improvement, the cooling device (38) comprises two or more cooling channels (39) abutting the grinding wall (4) from the outside and disposed circumferentially along at least one common circumferential section of the grinding wall (4), wherein adjacent cooling channels (39) are spaced from each other at least circumferentially in section by a circumferentially extending support projection (41). The support projection (41) supports the grinding wall (4) against a housing (11) surrounding it from the outside. The invention further relates to a vibration mill (1), particularly a disk vibration mill, having said grinding unit incorporated.

IPC 8 full level

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